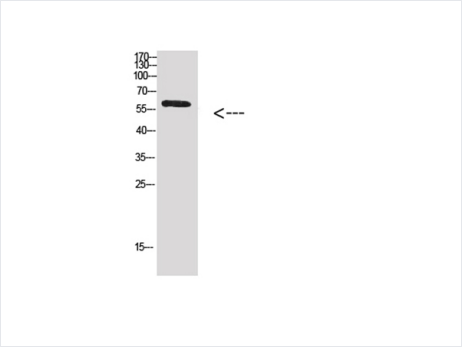
FBXO7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBXO7, Polyclonal Antibody
Full Product Name	FBXO7 Polyclonal Antibody
Product Gene Name	anti-FBXO7 antibody
Product Synonym Names	FBXO7 FBX7
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated Molecular Weight: 59kDa Observed Molecular Weight: 58kDa
OMIM	AF233225 mRNA
3D Structure	ModBase 3D Structure for Q9Y3I1
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FBXO7 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-FBXO7 antibody	WB: 1:500-2000 ELISA: 1:10000-20000
Related Product Information for anti-FBXO7 antibody	FBXO7 (F-Box Protein 7) is a Protein Coding gene. Diseases associated with FBXO7 include Parkinson Disease 15, Autosomal Recessive and Fbxo7-Related Parkinson Disease. Among its related pathways are Innate Immune System and Class I MHC mediated antigen processing and presentation. GO annotations related to this gene include protein kinase binding and ubiquitin-protein transferase activity.This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and it may play a role in regulation of hematopoiesis. Alternatively spliced transcript variants of this gene have been identified with the full-length natures of only some variants being determined.
Other Notes	Small volumes of anti-FBXO7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FBXO7 purchase	MBS2549500 is an antibody targeting FBXO7. Also known as FBXO7 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-FBXO7 antibody
Western Blot analysis of Mouse kidney using FBXO7 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBXO7. It may not necessarily be applicable to this product.

NCBI GI #	74229029
NCBI GeneID	25793
NCBI Accession #	NP_001028196.1
UniProt Primary Accession #	Q9Y3I1
UniProt Secondary Accession #	Q5TGC4; Q5TI86; Q96HM6; Q9UF21; Q9UKT2; B4DNB3; B4DWX5
UniProt Related Accession #	Q9Y3I1
GenBank Nucleotide #	NM_001033024.1
NCBI Official Full Name	F-box only protein 7 isoform 2
NCBI Official Synonym Full Names	F-box protein 7
NCBI Official Symbol	FBXO7
NCBI Official Synonym Symbols	FBX; FBX7; PKPS; FBX07; PARK15
UniProt Protein Name	F-box only protein 7
Protein Family	F-box only protein
UniProt Gene Name	FBXO7
UniProt Synonym Gene Names	FBX7
NCBI Protein Information	F-box only protein 7
NCBI Summary for FBXO7	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and it may play a role in regulation of hematopoiesis. Alternatively spliced transcript variants of this gene have been identified with the full-length natures of only some variants being determined. [provided by RefSeq, Jul 2008]

UniProt Comments for FBXO7	FBXO7: Substrate recognition component of a (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recognizes BIRC2 and DLGAP5. Defects in FBXO7 are the cause of Parkinson disease type 15 (PARK15); also known as parkinsonian-pyramidal syndrome. A neurodegenerative disorder characterized by parkinsonian and pyramidal signs. Clinical manifestations include tremor, bradykinesia, rigidity, postural instability, spasticity, mainly in the lower limbs, and hyperreflexia. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Ubiquitin conjugating system Chromosomal Location of Human Ortholog: 22q12.3 Cellular Component: cytoplasm; cytosol; mitochondrion; nucleus; protein complex; SCF ubiquitin ligase complex; ubiquitin ligase complex Molecular Function: protein binding; protein heterodimerization activity; protein kinase binding; ubiquitin binding; ubiquitin protein ligase binding; ubiquitin-protein transferase activity Biological Process: mitochondrion degradation; negative regulation of cyclin-dependent protein serine/threonine kinase activity; negative regulation of lymphocyte differentiation; post-translational protein modification; protein polyubiquitination; protein targeting to mitochondrion; protein ubiquitination; protein ubiquitination involved in ubiquitin-dependent protein catabolic process; regulation of locomotion; regulation of protein stability; ubiquitin-dependent protein catabolic process Disease: Parkinson Disease 15, Autosomal Recessive Early-onset
Research Articles on FBXO7	**1.** Structure and function of Fbxo7 in Parkinson's disease has been summarized. (Review)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/fbxo7/2549500