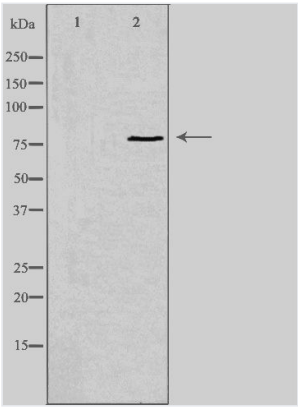
LRRC41 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LRRC41, Polyclonal Antibody
Full Product Name	LRRC41 Antibody
Product Gene Name	anti-LRRC41 antibody
Product Synonym Names	elongin BC interacting leucine rich repeat protein; Leucine rich repeat containing 41; Leucine rich repeat containing protein 41; MUF1; PP7759
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	LRRC41 antibody detects endogenous levels of total LRRC41
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	LRRC41 peptide (MBS9624310) is used for blocking the activity of LRRC41 antibody (MBS9605593)
Molecular Weight	Observed: 80 kD Predicted: 89 kDa
3D Structure	ModBase 3D Structure for Q15345
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LRRC41 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-LRRC41 antibody	WB: 1:500-1:1000

Related Product Information for anti-LRRC41 antibody	Function: Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Subunit Structure: Part of an E3 ubiquitin-protein ligase complex with Elongin BC (ELOB and ELOC), RBX1 and CUL5. Component of a probable ECS(LRRC41) complex which contains CUL5, RNF7/RBX2, Elongin BC and LRRC41. Interacts with CUL5, RNF7, ELOB and ELOC. Similarity: The Elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x3-C-x3-[AILV].
Other Notes	Small volumes of anti-LRRC41 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 LRRC41 purchase	MBS9605593 is an antibody targeting LRRC41. Also known as LRRC41 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-LRRC41 antibody
Western blot analysis of extracts from rat kidney/rat heart cells, using LRRC41 antibody.,
The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRC41. It may not necessarily be applicable to this product.

NCBI GI #	38569471
NCBI GeneID	10489
NCBI Accession #	NP_006360.3
UniProt Primary Accession #	Q15345
UniProt Secondary Accession #	Q3MJ96; Q5TDF5; Q71RA8; Q9BSM0; A8K5G8
UniProt Related Accession #	Q15345
GenBank Nucleotide #	NM_006369.4
NCBI Official Full Name	leucine-rich repeat-containing protein 41
NCBI Official Synonym Full Names	leucine rich repeat containing 41
NCBI Official Symbol	LRRC41
NCBI Official Synonym Symbols	MUF1; PP7759
UniProt Protein Name	Leucine-rich repeat-containing protein 41
UniProt Synonym Protein Names	Protein Muf1
Protein Family	Leucine-rich repeat-containing protein
UniProt Gene Name	LRRC41

UniProt Synonym Gene Names	MUF1
NCBI Protein Information	leucine-rich repeat-containing protein 41
UniProt Comments for LRRC41	Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.
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.
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