USP30 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	USP30, Polyclonal Antibody
Full Product Name	USP30 Polyclonal Antibody
Product Gene Name	anti-USP30 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	58kDa
OMIM	612492
3D Structure	ModBase 3D Structure for Q70CQ3
Immunogen	Recombinant protein of human USP30 (NP_116052.2).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-USP30 antibody	Western Blot (WB)
Application Notes for anti-USP30 antibody	WB: 1:500-1:2000
Related Product Information for anti-USP30 antibody	MBS8567583 is an antibody targeting USP30. Also known as USP30 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-USP30 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for USP30. It may not necessarily be applicable to this product.

NCBI GI #	164607167
NCBI GeneID	84749
NCBI Accession #	NP_116052.2
UniProt Primary Accession #	Q70CQ3
UniProt Related Accession #	Q70CQ3
GenBank Nucleotide #	NP_116052.2
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 30 isoform 1

NCBI Official Synonym Full Names	ubiquitin specific peptidase 30
NCBI Official Symbol	USP30
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 30
UniProt Synonym Protein Names	Deubiquitinating enzyme 30; Ubiquitin thioesterase 30; Ubiquitin-specific-processing protease 30
Protein Family	Ubiquitin carboxyl-terminal hydrolase
UniProt Gene Name	USP30
UniProt Synonym Gene Names	Ub-specific protease 30
UniProt Entry Name	UBP30_HUMAN
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 30
NCBI Summary for USP30	USP30, a member of the ubiquitin-specific protease family (see USP1, MIM 603478), is a novel mitochondrial deubiquitinating (DUB) enzyme (Nakamura and Hirose, 2008 [PubMed 18287522]).[supplied by OMIM, Dec 2008]
UniProt Comments for USP30	USP30: May participate in the maintenance of mitochondrial morphology. Belongs to the peptidase C19 family. Protein type: Membrane protein, integral; EC 3.4.19.12; Protease; Ubiquitin-specific protease Chromosomal Location of Human Ortholog: 12q24.11 Cellular Component: mitochondrial outer membrane; mitochondrion; integral to membrane Molecular Function: cysteine-type endopeptidase activity; ubiquitin-specific protease activity Biological Process: proteasomal ubiquitin-dependent protein catabolic process; protein deubiquitination; mitochondrial fusion; mitochondrion degradation
Research Articles on USP30	**1.** we use two distinct mitophagy reporter systems to reveal tonic suppression by USP30, of a PINK1-dependent component of basal mitophagy in cells lacking detectable Parkin.
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