TAX1BP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TAX1BP1, Polyclonal Antibody
Full Product Name	TAX1BP1 Antibody
Product Gene Name	anti-TAX1BP1 antibody
Product Synonym Names	T6BP; TXBP151; CALCOCO3
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total TAX1BP1 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	90,877 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (27778992..27869386). Location: 7p15
OMIM	605326
3D Structure	ModBase 3D Structure for Q86VP1
Immunogen	Fusion protein corresponding to a region derived from internal residues of human Tax1 (human T-cell leukemia virus type I) binding protein 1
Product Categories/Family for anti-TAX1BP1 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TAX1BP1 antibody	Immunohistochemistry (IHC)
Application Notes for anti-TAX1BP1 antibody	IHC: 1:100-1:300
Related Product Information for anti-TAX1BP1 antibody	This gene encodes a HTLV-1 tax1 binding protein. The encoded protein interacts with TNFAIP3, and inhibits TNF-induced apoptosis by mediating the TNFAIP3 anti-apoptotic activity. Degradation of this protein by caspase-3-like family proteins is associated with apoptosis induced by TNF. This protein may also have a role in the inhibition of inflammatory signaling pathways. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-TAX1BP1 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 TAX1BP1 purchase	MBS8589322 is an antibody targeting TAX1BP1. Also known as TAX1BP1 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAX1BP1. It may not necessarily be applicable to this product.

NCBI GI #	332634744
NCBI GeneID	8887
NCBI Accession #	NP_001193831.1
UniProt Primary Accession #	Q86VP1
UniProt Secondary Accession #	O60398; O95770; Q13311; Q9BQG5; Q9UI88; B4DKU7; E7ENV2
UniProt Related Accession #	Q86VP1
GenBank Nucleotide #	NM_001206902.1
NCBI Official Full Name	tax1-binding protein 1 isoform 3
NCBI Official Synonym Full Names	Tax1 (human T-cell leukemia virus type I) binding protein 1
NCBI Official Symbol	TAX1BP1
NCBI Official Synonym Symbols	T6BP; TXBP151; CALCOCO3
UniProt Protein Name	Tax1-binding protein 1
UniProt Synonym Protein Names	TRAF6-binding protein
Protein Family	Tax1-binding protein
UniProt Gene Name	TAX1BP1
UniProt Synonym Gene Names	T6BP
UniProt Entry Name	TAXB1_HUMAN
NCBI Protein Information	tax1-binding protein 1; TRAF6-binding protein
UniProt Comments for TAX1BP1	TAX1BP1: Inhibits TNF-induced apoptosis by mediating the TNFAIP3 anti-apoptotic activity. Degraded by caspase-3-like family proteins upon TNF-induced apoptosis. May also play a role in the pro-inflammatory cytokine IL-1 signaling cascade. Homooligomer. Interacts with TRAF6 in a IL-1-dependent manner. Interacts with TNFAIP3. Interacts with STARD13. Interacts with the HTLV-1 protein Tax-1. Expressed in all tissues tested. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 7p15 Cellular Component: cytosol Molecular Function: protein binding; metal ion binding; kinase binding Biological Process: inhibition of NF-kappaB transcription factor; apoptosis; innate immune response; negative regulation of interferon type I production; negative regulation of apoptosis
Research Articles on TAX1BP1	**1.** RNF11 functions together with TAX1BP1 to restrict antiviral signaling and IFN-beta production.
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