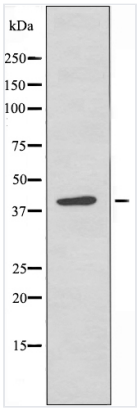
PTX3 Antibody

PRODUCT OVERVIEW

Product Name	PTX3, Antibody
Full Product Name	PTX3 Antibody
Product Gene Name	anti-PTX3 antibody
Product Synonym Names	Pentraxin-related protein PTX3 [Precursor]; Pentaxin-related protein PTX3; Tumor necrosis factor-inducible protein TSG-14; PTX3; TNFAIP5; TSG14
Species Reactivity	Human, Mouse
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	PTX3 Antibody detects endogenous levels of total PTX3
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	40 KD
OMIM	602492
3D Structure	ModBase 3D Structure for P26022
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PTX3 antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)
Application Notes for anti-PTX3 antibody	WB: 1:500~1:1000 IF/ICC: 1:100-1:500
Related Product Information for anti-PTX3 antibody	MBS8513870 is an antibody targeting PTX3. Also known as PTX3 Antibody. Reactive in Human, Mouse.
Other Notes	Small volumes of anti-PTX3 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.



Western Blot (WB) of anti-PTX3 antibody
Western blot analysis of extracts from 293 cells, using PTX3 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PTX3. It may not necessarily be applicable to this product.

NCBI GI #	167900484
NCBI GeneID	5806
NCBI Accession #	NP_002843.2
UniProt Primary Accession #	P26022
UniProt Secondary Accession #	Q38M82; B2R6T6
UniProt Related Accession #	P26022
GenBank Nucleotide #	NM_002852.3
NCBI Official Full Name	pentraxin-related protein PTX3
NCBI Official Synonym Full Names	pentraxin 3
NCBI Official Symbol	PTX3
NCBI Official Synonym Symbols	TSG-14; TNFAIP5
UniProt Protein Name	Pentraxin-related protein PTX3
UniProt Synonym Protein Names	Pentaxin-related protein PTX3; Tumor necrosis factor alpha-induced protein 5; TNF alpha-induced protein 5; Tumor necrosis factor-inducible gene 14 protein; TSG-14
Protein Family	Pentraxin-related protein
UniProt Gene Name	PTX3
UniProt Synonym Gene Names	TNFAIP5; TSG14; TNF alpha-induced protein 5; TSG-14
NCBI Protein Information	pentraxin-related protein PTX3
NCBI Summary for PTX3	This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory conditions. [provided by RefSeq, Jun 2016]
UniProt Comments for PTX3	Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility.
Research Articles on PTX3	**1.** serum PTX-3 level might be a significant mediator in childhood-onset systemic lupus erythematosus (cSLE); the results support that PTX3 reflects active cutaneous vasculitis in cSLE and correlates with disease activity.
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