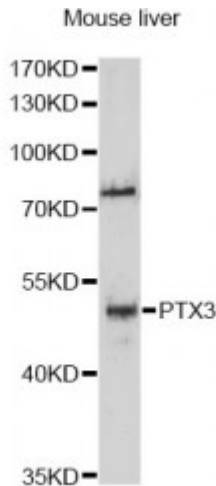


Anti-PTX3 Antibody



Description

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.

Model	STJ114544
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 18-240 of human PTX3 (NP_002843.2).
Gene ID	5806
Gene Symbol	PTX3
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Pentraxin-related protein PTX3 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

Molecular Weight	41.976 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9692OMIM:602492Reactome:R-HSA-6798695
Alternative Names	Pentraxin-related protein PTX3 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
Function	Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility,
Cellular Localization	Secreted
Post-translational Modifications	Glycosylated,

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