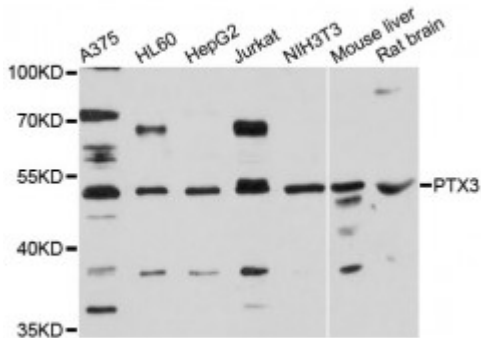


## Anti-PTX3 Antibody



### 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.

<b>Model</b>	STJ114543
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 18-240 of human PTX3 (NP_002843.2).
<b>Gene ID</b>	<a href="#">5806</a>
<b>Gene Symbol</b>	<a href="#">PTX3</a>
<b>Dilution range</b>	WB 1:500 - 1:2000
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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

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

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