Rabbit anti-Human, Mouse PTX3 Polyclonal Antibody | anti-PTX3 antibody

PTX3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323841	**Rabbit**	**Human, Mouse**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

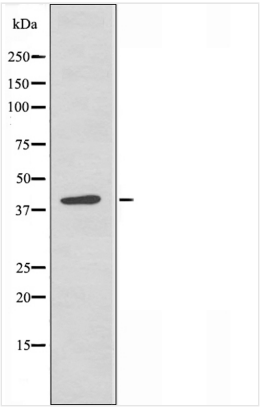
PRODUCT SYNONYMS

PTX3; Polyclonal Antibody; PTX3 Antibody; AI607804; Pentaxin 3; Pentaxin-related protein PTX3; Pentraxin 3 long; Pentraxin-related gene; Pentraxin-related gene rapidly induced by IL-1 beta; Pentraxin-related protein PTX3; PTX3_HUMAN; TNF alpha-induced protein 5; TNFAIP5; TSG-14; TSG14; Tumor necrosis factor alpha-induced protein 5; Tumor necrosis factor-inducible gene 14 protein; Tumor necrosis factor-inducible protein TSG-14; anti-PTX3 antibody

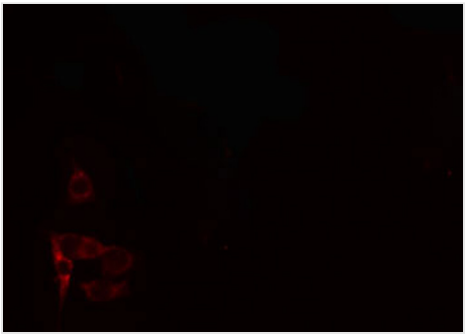
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PTX3 antibody detects endogenous levels of total PTX3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	381
Applicable Applications for anti-PTX3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Tissue Specificity	By IL1B/interleukin-1 beta and TNF.
Predicted Cross Reactivity	**Bovine, Sheep, Rabbit, Dog, Chicken**
Similarity	Bovine (100%), Sheep (91%), Rabbit (91%), Dog (82%), Chicken (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



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



IF (Immunofluorescence)
AAA323841 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PTX3 antibody	Function: Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. Subunit Structure: Homooctamer; disulfide-linked. Binds to C1q (By similarity). Post-translational Modifications: Glycosylated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167900484
NCBI GeneID	5806
NCBI Accession #	NP_002843.2
NCBI GenBank Nucleotide #	NM_002852.3
UniProt Accession #	P26022; Q38M82; B2R6T6
Molecular Weight	Observed: 40 kD Predicted: 42 kDa
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
NCBI Protein Information	pentraxin-related protein PTX3
UniProt Protein Name	Pentraxin-related protein PTX3
UniProt Gene Name	**PTX3**
UniProt Synonym Gene Names	TNFAIP5; TSG14; TNF alpha-induced protein 5; TSG-14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ptx3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323841