

Product datasheet for **TA342183**

Pentraxin 3 (PTX3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PTX3 antibody: synthetic peptide directed towards the N terminal of human PTX3. Synthetic peptide located within the following region: RMLLQATDDVLRGELQRLREELGRLAESLARPCAPGAPAEARLTSALDEL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	pentraxin 3
Database Link:	NP_002843 Entrez Gene 5806 Human P26022
Background:	Plays a role inThe regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility.
Synonyms:	TNFAIP5; TSG-14

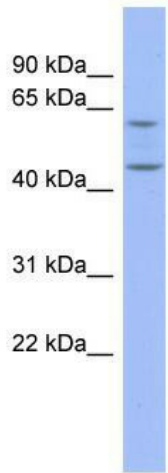


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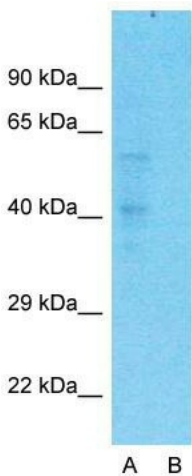
Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Rabbit: 93%; Bovine: 85%

Protein Families: Secreted Protein

Product images:



WB Suggested Anti-PTX3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: MCF7 cell lysate



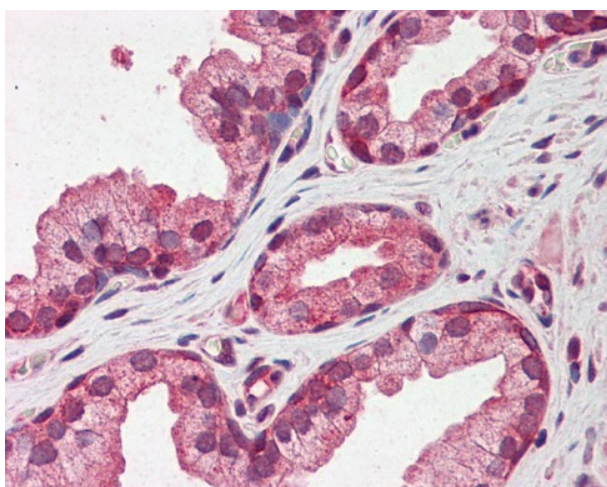
Anti-PTX3 Western Blot & Peptide Block Validation

Lysate: HepG2 cell

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml
Peptide Concentration: 5.0µg/ml
Lysate Quantity: 25µg/lane
Gel Concentration: 12%

Host: Rabbit; Target Name: PTX3; Sample Tissue: HepG2 Whole Cell; Lane A: Primary Antibody; Lane B: Primary Antibody + Blocking Peptide ; Primary Antibody Concentration:1 ug/ml; Peptide Concentration: 5ug/ml; Lysate Quantity: 25ug/lane; Gel Concentration: 0



Human prostate