



Datasheet for ABIN714686
anti-PTX3 antibody (AA 151-250)



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Overview

Quantity:	100 µL
Target:	PTX3
Binding Specificity:	AA 151-250
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTX3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TNFAIP5/Pentraxin 3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PTX3
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Target Details

Alternative Name:	TNFAIP5 (PTX3 Products)
Background:	Synonyms: TSG-14, TNFAIP5, 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, PTX3, TSG14 Background: Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility.
Gene ID:	5806
UniProt:	P26022

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

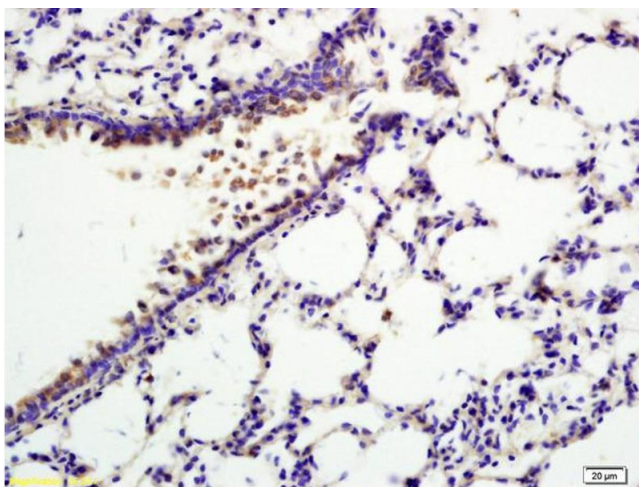
Publications

Product cited in:	Sato, Shirai, Hontani, Shinooka, Hasegawa, Kichise, Yamashita, Yoshizawa, Watanabe,
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Matsuyama, Ishibashi-Ueda, Koba, Kobayashi, Hirano, Watanabe: "Potent Vasoconstrictor Kisspeptin-10 Induces Atherosclerotic Plaque Progression and Instability: Reversal by its Receptor GPR54 Antagonist." in: **Journal of the American Heart Association**, Vol. 6, Issue 4, (2017) ([PubMed](#)).

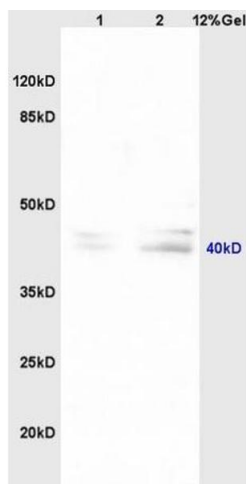
Liu, Yao, Wang: "Pentraxin-3 as a prognostic marker in patients with small-cell lung cancer." in: **Medical oncology (Northwood, London, England)**, Vol. 31, Issue 10, pp. 207, (2014) ([PubMed](#)).

Images



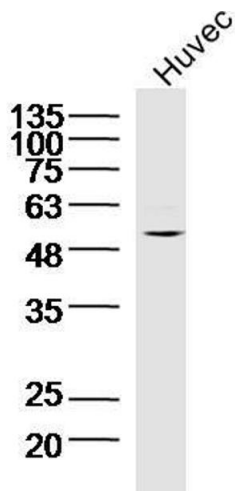
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat lung labeled with Anti-TNFAIP5/Pentraxin 3 Polyclonal Antibody, Unconjugated (ABIN714686) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



SDS-PAGE

Image 2. Lane 1: mouse embryo lysates Lane 2: mouse brain lysates probed with Anti TNFAIP5/Pentraxin 3 Polyclonal Antibody, Unconjugated (ABIN714686) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 40kD. Observed band size: 40kD.



Western Blotting

Image 3. Lane 1: Huvec lysates probed with TNFAIP5 Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:10000 for 60 min at 37°C.