

Ptx3 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP07508

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PTX3. AA range:1-50

Mol wt 42020

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Ptx3 Antibody

Synonyms PTX3; TNFAIP5; TSG14; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

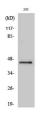
PTX3 encodes a member of the pentraxin protein family. The expression of pentraxin 3 is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. Pentraxin 3 promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. Pentraxin 3 serves as a biomarker for several inflammatory conditions.

Recommended Dilution

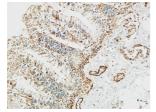
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

Images



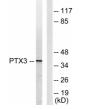
Western Blot analysis of various cells using Ptx3 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at $1:100(4^{\circ} \text{ overnight})$. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



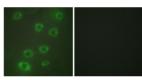
Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at $1:100(4^{\circ} \text{ overnight})$. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



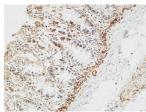
Western blot analysis of lysates from 293 cells, using PTX3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells. The picture was provided by our customer.



Immunofluorescence analysis of HUVEC cells, using PTX3 Antibody. The picture on the right is blocked with the synthesized peptide.



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Storage

-20°C for one year

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