Datasheet for ABIN6146488

anti-PTX3 antibody (AA 18-240)

1 Image

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Overview

Quantity:	100 µL
Target:	PTX3
Binding Specificity:	AA 18-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTX3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 18-240 of human PTX3 (NP_002843.2).
Sequence:	ENSDDYDLMY VNLDNEIDNG LHPTEDPTPC ACGQEHSEWD KLFIMLENSQ MRERMLLQAT DDVLRGELQR LREELGRLAE SLARPCAPGA PAEARLTSAL DELLQATRDA GRRLARMEGA EAQRPEEAGR ALAAVLEELR QTRADLHAVQ GWAARSWLPA GCETAILFPM RSKKIFGSVH PVRPMRLESF SACIWVKATD VLNKTILFSY GTKRNPYEIQ LYL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

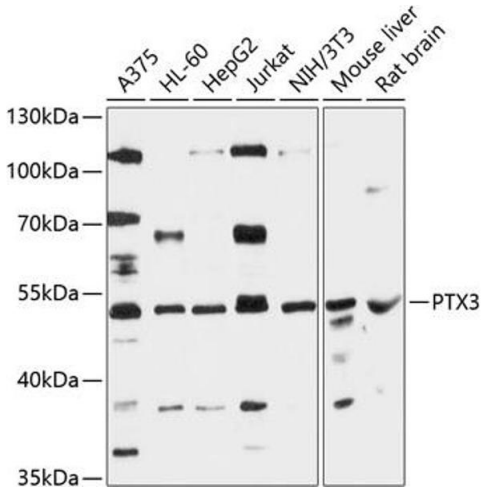
Target:	PTX3
Alternative Name:	PTX3 (PTX3 Products)
Background:	This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial 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.,PTX3,TNFAIP5,TSG-14,Cancer,Invasion and Metastasis,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,Cardiovascular,Angiogenesis,Angiogenic growth factors,PTX3
Molecular Weight:	41 kDa
Gene ID:	5806
UniProt:	P26022

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PTX3 antibody (ABIN6129313, ABIN6146488, ABIN6146490 and ABIN6216395) at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 30s.

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