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Datasheet for ABIN562540

anti-PTX3 antibody (AA 282-380)

5 Images

2 Publications

Overview

Quantity:	100 µg
Target:	PTX3
Binding Specificity:	AA 282-380
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTX3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PTX3.
Immunogen:	PTX3 (NP_002843, 282 a.a. ~ 380 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SLWVNGELAA TTVEMATGHI VPEGGILQIG QEKNGCCVGG GFDETLAFSG RLTGFNIWDS VLSNEEIRET GGAESCHIRG NIVGWGVTEI QPHGGAQYV
Clone:	2B10
Isotype:	IgG2a
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PTX3
Alternative Name:	PTX3 (PTX3 Products)
Background:	Full Gene Name: pentraxin-related gene, rapidly induced by IL-1 beta Synonyms: TNFAIP5,TSG-14
Gene ID:	5806
NCBI Accession:	NM_002852

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

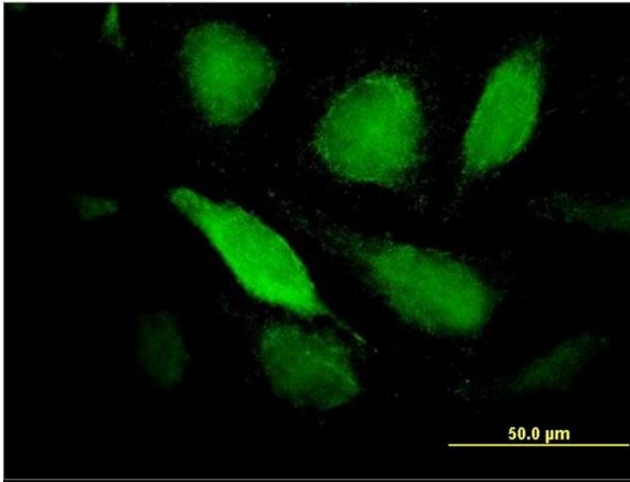
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

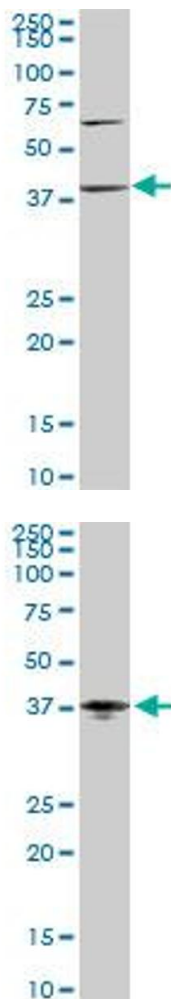
Product cited in: Oyama, Shiraki, Nishikido, Maeda, Komoda, Shimizu, Makino, Node: "EGCG, a green tea catechin, attenuates the progression of heart failure induced by the heart/muscle-specific deletion of MnSOD in mice." in: **Journal of cardiology**, Vol. 69, Issue 2, pp. 417-427, (2016) ([PubMed](#)).

Oyama, Maeda, Sasaki, Higuchi, Node, Makino: "Repetitive hyperthermia attenuates progression of left ventricular hypertrophy and increases telomerase activity in hypertensive rats." in: **American journal of physiology. Heart and circulatory physiology**, Vol. 302, Issue 10, pp. H2092-101, (2012) ([PubMed](#)).



Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to PTX3 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 2. PTX3 monoclonal antibody (M02), clone 2B10. Western Blot analysis of PTX3 expression in U-2 OS.

Western Blotting

Image 3. PTX3 monoclonal antibody (M02), clone 2B10. Western Blot analysis of PTX3 expression in PC-12

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN562540.