

Datasheet for ABIN2784251
anti-PTOV1 antibody (N-Term)

5 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	PTOV1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTOV1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PTOV1
Sequence:	DSTAKLKRTL PCQAYVNQGE NLETDQWPQK LIMQLIPQQL LTTLGPLFRN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PTOV1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PTOV1
Alternative Name:	PTOV1 (PTOV1 Products)

Target Details

Background: PTOV1 belongs to the Mediator complex subunit 25 family, PTOV1 subfamily. It may activate transcription and is required for nuclear translocation of FLOT1. PTOV1 promotes cell proliferation.

Alias Symbols: DKFZP586I111, MGC71475, ACID2, PTOV-1

Protein Interaction Partner: UBC, GNB2L1, FLOT1, RPS6, CUL2, USP16, HDAC6, CREBBP, BECN1, TMCC2, PIN1, SPTAN1, DMTN, SFN,

Protein Size: 416

Molecular Weight: 47 kDa

Gene ID: 53635

NCBI Accession: [NM_017432](#), [NP_059128](#)

UniProt: [Q86YD1](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 416 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

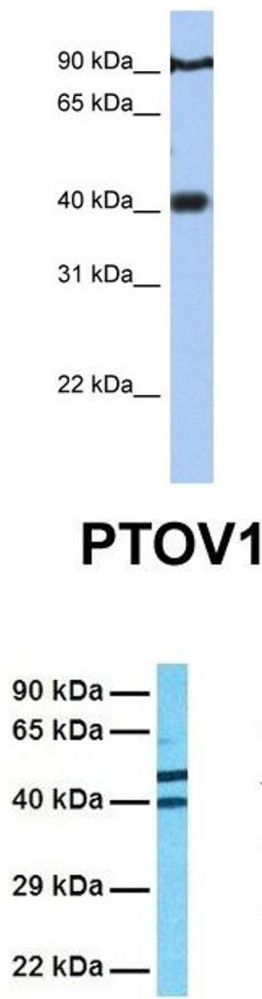
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Product cited in: Guha, Bandyopadhyaya, Polumuri, Chumsri, Gade, Kalvakolanu, Ahmed et al.: "Nicotine promotes apoptosis resistance of breast cancer cells and enrichment of side population cells with cancer stem cell-like properties via a signaling cascade involving galectin-3, $\alpha 9$ nicotinic ..." in: **Breast cancer research and treatment**, Vol. 145, Issue 1, pp. 5-22, (2014) ([PubMed](#)).

Images

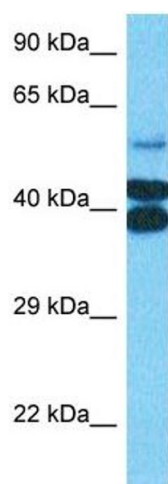


Western Blotting

Image 1. WB Suggested Anti-PTOV1 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate PTOV1 is supported by BioGPS gene expression data to be expressed in Jurkat

Western Blotting

Image 2. Host: Rabbit Target Name: PTOV1 Sample Tissue: Human 293T Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: PTOV1 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 0.5ug/ml

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2784251.