Datasheet for ABIN233805

anti-TMBIM1 antibody (N-Term)

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Overview

Quantity:	100 µg
Target:	TMBIM1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMBIM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This protein A purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein corresponding to the amino terminus of human TMBIM1 protein. Immunogentype:Recombinant
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	TMBIM1
Alternative Name:	TMBIM1 (TMBIM1 Products)
Background:	This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear

Target Details

	Signaling research. TMBIM1 (Transμembrane BAX inhibitor μotif-containing protein 1) is a member of the 7 TMS (7 transmembrane domains) family of receptors known to mediate the activation of various transcription factors. TMBIM1 is identified as a novel modulator of NF-kB activation. A drosophila homolog of this protein (dNMDA1 with 40% homology to hTMBIM1) is reported to be unregulated during aging and oxidative stress. Synonyms: Putative uncharacterized protein TMBIM1
Gene ID:	64114, 50593008
UniProt:	Q969X1

Application Details

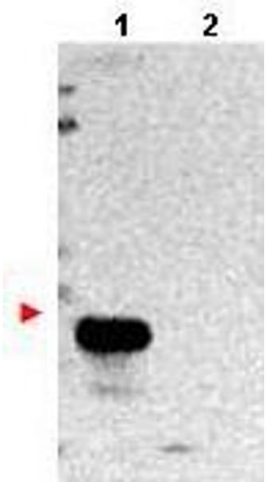
Application Notes:	This protein A purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 35 kDa in size corresponding to TMBIM-1 by western blotting in the appropriate cell lysate or extract. To date this antibody has shown the ability to recognize over-expressed TMBIM1 but not endogenous protein.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.2 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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

Publications

Product cited in:	Gaume, Tassin, Ugrinova, Mongelard, Monier, Bouvet: "Centrosomal nucleolin is required for microtubule network organization." in: **Cell cycle (Georgetown, Tex.)**, Vol. 14, Issue 6, pp. 902-19, (2015) (PubMed).



Western Blotting

Image 1. Western blot using protein A purified anti-TMBIM1 antibody shows detection of exogenous TMBIM1 in lysates from HeLa cells transfected with pcDNA3-hTMBIM1 (lane 1). No staining is observed in lysates from mock transformed HeLa cells (lane 2). To date this antibody has shown the ability to recognize overexpressed TMBIM1 but not endogenous protein. The membrane was probed with the primary antibody at a 1:1,000 dilution at 4° C, overnight. Personal Communication from Srinivasa Srinivasula, CCR-NCI, Bethesda, MD.

