

Datasheet for ABIN2790366
anti-MINPP1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MINPP1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MINPP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MINPP1
Sequence:	VPYASNLIFV LYHCENAKTP KEQFRVQMLL NEKVLPLAYS QETVSFYEDL
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Human: 100%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against MINPP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MINPP1
Alternative Name:	MINPP1 (MINPP1 Products)

Target Details

Background:	This gene encodes multiple inositol polyphosphate phosphatase, an enzyme that removes 3-phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolyze inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3-bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate, an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway. Alias Symbols: DKFZp564L2016, HIPER1, MINPP2, MIPP Protein Interaction Partner: UBC, SRF, ACTA1, Protein Size: 487
Molecular Weight:	52 kDa
Gene ID:	9562
NCBI Accession:	NM_004897 , NP_004888
UniProt:	Q9UNW1

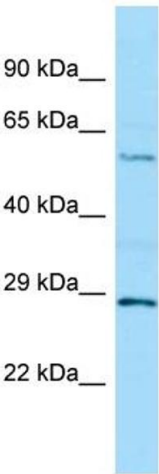
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 487 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.



Western Blotting

Image 1. WB Suggested Anti-MINPP1 Antibody Titration: 1.0 ug/ml Positive Control: MDA-MB-435S Whole Cell MINPP1 is supported by BioGPS gene expression data to be expressed in MDA-MB435