Datasheet for ABIN2779134

anti-IMP3 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	IMP3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human IMP3
Sequence:	GHVRVGPDVV TDPAFLVTRS MEDFVTWVDS SKIKRHVLEY NEERDDFDLE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against IMP3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IMP3

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Target Details

Alternative Name:	IMP3 (IMP3 Products)
Background:	This gene encodes the human homolog of the yeast Imp3 protein. The protein localizes to the nucleoli and interacts with the U3 snoRNP complex. The protein contains an S4 domain. Alias Symbols: BRMS2, C15orf12, DKFZp586L0118, FLJ10968, MRPS4 Protein Interaction Partner: KLC3, USHBP1, TFIP11, CCNDBP1, ZYX, RNF2, EED, UBC, MPHOSPH10, LPXN, Protein Size: 184
Molecular Weight:	22 kDa
Gene ID:	55272
NCBI Accession:	NM_018285, NP_060755
UniProt:	Q9NV31

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 184 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.

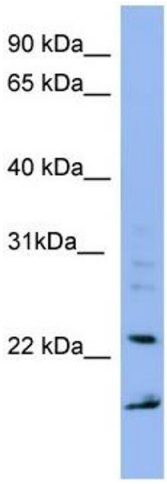
Publications

Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).

Images

Immunohistochemistry

Image 1. Rabbit Anti-IMP3 antibody Catalog Number: ARP40907 Paraffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 2. WB Suggested Anti-IMP3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate IMP3 is supported by BioGPS gene expression data to be expressed in HepG2