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Datasheet for ABIN2785975
anti-TNPO2 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TNPO2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNPO2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TNPO2
Sequence:	MDWQPDEQGL QQVLQLLKDS QSPNTATQRI VQDKLKQLNQ FPDFNNYLIF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against TNPO2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TNPO2
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Target Details

Alternative Name:	TNPO2 (TNPO2 Products)
Background:	<p>Transportin-2 (TNPO2) mediates nuclear import of HuR protein in vitro. It also participates in mRNA export from the nucleus.</p> <p>Alias Symbols: FLJ12155, IPO3, KPNB2B, TRN2</p> <p>Protein Interaction Partner: PNMA5, C1orf94, APIP, KLHL2, EXOC5, NME1, CRYAB, CAMK2D, SUMO3, UBC, EGFR, TERF1, ELAVL1, A1CF, TCL1B, PIK3CD, NXF1, RAN, NUP98, PTP4A3,</p> <p>Protein Size: 887</p>
Molecular Weight:	100 kDa
Gene ID:	30000
NCBI Accession:	NM_013433 , NP_038461
UniProt:	Q6IN77

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 887 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.

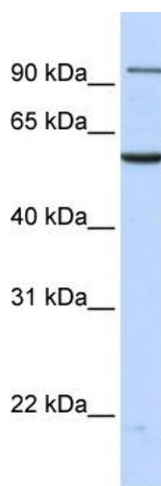
Publications

Product cited in:

Akter, Mansour, Hyodo, Senga: "FAM98A associates with DDX1-C14orf166-FAM98B in a novel complex involved in colorectal cancer progression." in: **The international journal of biochemistry & cell biology**, Vol. 84, pp. 1-13, (2017) ([PubMed](#)).

Akter, Mansour, Hyodo, Ito, Hamaguchi, Senga: "Erratum to: FAM98A is a novel substrate of PRMT1 required for tumor cell migration, invasion and colony formation." in: **Tumour biology**, Vol. 37, Issue 5, pp. 7001, (2016) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TNPO2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate TNPO2 is supported by BioGPS gene expression data to be expressed in MCF7