

Datasheet for ABIN2779096 anti-NIP7 antibody (C-Term)



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1 Publication

Overview

Quantity:	100 µL
Target:	NIP7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NIP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NIP7
Sequence:	VVVYSMADIP LGFGVAAKST QDCRKVDPMA IVVFHQADIG EYVRHEETLT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 93%, Yeast: 79%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NIP7. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	NIP7
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Target Details

Alternative Name:	NIP7 (NIP7 Products)
Background:	<p>NIP7 contains 1PUA domain and belongs to the NIP7 family. It may play a role in 60S ribosomal subunit synthesis.</p> <p>Alias Symbols: KD93, CGI-37, HSPC031</p> <p>Protein Interaction Partner: LZTS2, NECAB2, NIP7, CRX, SOX2, UBC, ELAVL1, NOL8, ZBED1,</p> <p>Protein Size: 180</p>
Molecular Weight:	20 kDa
Gene ID:	51388
NCBI Accession:	NM_016101 , NP_057185
UniProt:	Q9Y221
Pathways:	Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 180 AA
Restrictions:	For Research Use only

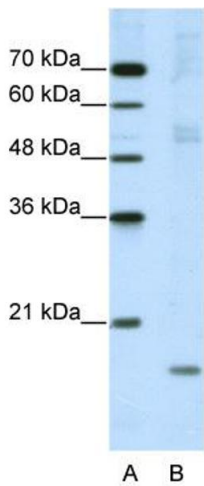
Handling

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

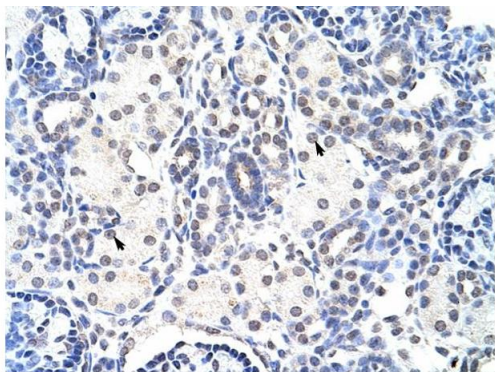
Product cited in: Huang, Ma, Li, Yu, Zhang, Wei, Jin, Xu, Gao, Huang: "NF-κB1 inhibits c-Myc protein degradation through suppression of FBW7 expression." in: **Oncotarget**, Vol. 5, Issue 2, pp. 493-505, (2014) ([PubMed](#)).

Images



Western Blotting

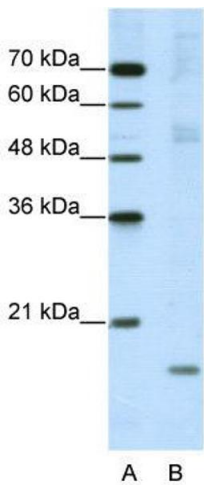
Image 1. WB Suggested Anti-NIP7 Antibody Titration: 5.0ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate NIP7 is supported by BioGPS gene expression data to be expressed in HepG2



Rabbit Anti-NIP7 Antibody
Catalog Number: ARP40833
Lot Number: QC9895
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-NIP7 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 3. WB Suggested Anti-NIP7 Antibody Titration: 5.0 µg/mL ELISA Titer: 1:2500 Positive Control: HepG2 cell lysate NIP7 is supported by BioGPS gene expression data to be expressed in HepG2