



Datasheet for ABIN2774091
anti-NXT1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	NXT1
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat, Cow, Guinea Pig, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NXT1 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 NXT1
Sequence:	GTATLVWNGN AVSGQESLSE FFEMLPSSSEF QISVDCQPV HDEATPSQTT
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NXT1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NXT1
Alternative Name:	NXT1 (NXT1 Products)

Target Details

Background: The protein encoded by this gene is located in the nuclear envelope. It has protein similarity to nuclear transport factor 2. This protein functions as a nuclear export factor in both RAN (Ras-related nuclear protein)- and CRM1 (required for chromosome region maintenance)-dependent pathways. It is found to stimulate the export of U1 snRNA in RAN- and CRM1-dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. The encoded protein heterodimerizes with Tap protein and may regulate the ability of Tap protein to mediate nuclear mRNA export. The use of alternate polyadenylation sites has been found for this gene.

Alias Symbols: MTR2, P15

Protein Interaction Partner: NXF3, PAXIP1, UBC, STAU1, NXF1, DDOST, VPS36, XPO1, RAN, NXF2,

Protein Size: 140

Molecular Weight: 16 kDa

Gene ID: 29107

NCBI Accession: [NM_013248](#), [NP_037380](#)

UniProt: [Q9UUK6](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 140 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.

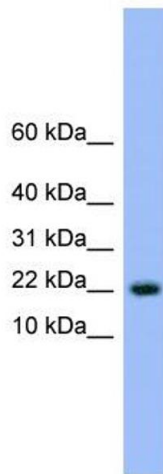
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

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.

Images



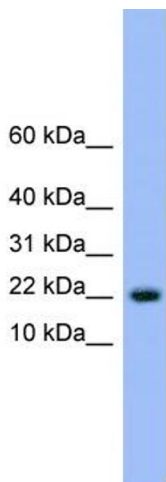
Western Blotting

Image 1. WB Suggested Anti-NXT1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Liver



Rabbit Anti-NXT1 Antibody
Catalog Number: ARP54919
Lot Number: QC29709
Lane: Fetal Liver Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 10-20%

Western Blotting

Image 2. WB Suggested Anti-NXT1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: Human Liver