

Datasheet for ABIN1881591
anti-NXT1 antibody (C-Term)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	NXT1
Binding Specificity:	AA 85-111, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NXT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-111 amino acids from the C-terminal region of human NXT1.
Clone:	RB30598
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NXT1
Alternative Name:	NXT1 (NXT1 Products)
Background:	The protein encoded by this gene is located in the nuclear envelope. It has protein similarity to

Target Details

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.

NCBI Accession: [NP_037380](#)

UniProt: [Q9UKK6](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

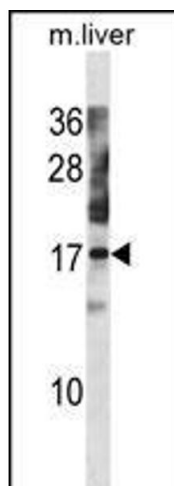
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

Product cited in: Mei, Li, Chu, Yiu, Lo: "The inhibitory effects of silver diamine fluoride at different concentrations on matrix metalloproteinases." in: **Dental materials : official publication of the Academy of Dental Materials**, Vol. 28, Issue 8, pp. 903-8, (2012) ([PubMed](#)).



Western Blotting

Image 1. NXT1 Antibody (C-term) (ABIN1881591 and ABIN2838761) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the NXT1 antibody detected the NXT1 protein (arrow).