

Datasheet for ABIN2786816
anti-Nitrilase 1 antibody (N-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Nitrilase 1 (NIT1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Guinea Pig, Cow, Rabbit, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nitrilase 1 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 NIT1
Sequence:	VREAARLGAC LAFLPEAFDF IARDPAETLH LSEPLGGKLL EEYTLQAREC
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Pig: 93%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against NIT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Nitrilase 1 (NIT1)
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Target Details

Alternative Name:	NIT1 (NIT1 Products)
Background:	<p>NIT1 play a role in cell growth and apoptosis: loss of expression promotes cell growth and resistance to DNA damage stress. NIT1 has tumor suppressor properties that enhances the apoptotic responsiveness in cancer cells, this effect is additive to the tum</p> <p>Alias Symbols: MGC57670</p> <p>Protein Interaction Partner: ZFYVE9, ATXN1L, UBC, XRCC6,</p> <p>Protein Size: 327</p>
Molecular Weight:	36 kDa
Gene ID:	4817
NCBI Accession:	NM_005600 , NP_005591
UniProt:	Q86X76

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 327 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.



Western Blotting

Image 1. WB Suggested Anti-NIT1

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

Positive Control: 93T cell lysate

NIT1 is supported by BioGPS gene expression data to be expressed in HEK293T

Western Blotting

Image 2. WB Suggested Anti-NIT1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate