

Rabbit NUDT9 Polyclonal Antibody | anti-NUDT9 antibody

NUDT9 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197993	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

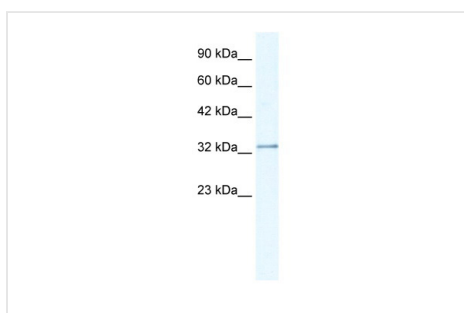
PRODUCT SYNONYMS

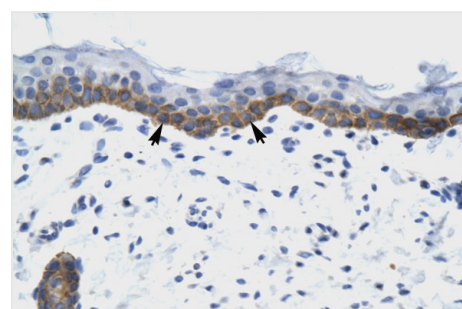
NUDT9; Polyclonal Antibody; NUDT9 antibody - C-terminal region; anti-NUDT9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LE AGDDAGKVKW VDINDKLKLY ASHSQFIKLV AEKRDAHWE DSEADCHA
Sequence Length	300
Applicable Applications for anti-NUDT9 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 86%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NUDT9
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-NUDT9 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

IHC (Immunohistochemistry)

Human Skin

ADDITIONAL INFORMATION

Related Product Information for anti-NUDT9 antibody	This is a rabbit polyclonal antibody against NUDT9. It was validated on Western Blot and immunohistochemistry Target Description: Human ADP-ribose pyrophosphatase NUDT9 belongs to a superfamily of Nudix hydrolases that catabolize potentially toxic compounds in the cell. NUDT9 alpha protein is targeted highly specifically to mitochondria, whereas the predicted protein of the NUDT9 beta transcript, which is missing this sequence, exhibits no clear subcellular localization. Investigation of the physical and enzymatic properties of NUDT9 indicates that it is functional as a monomer, optimally active at near neutral pH, and that it requires divalent metal ions and an intact Nudix motif for enzymatic activity.
Product Categories/Family for anti-NUDT9 antibody	Polyclonal; Ion Channel; Signal Proteins; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	37594457
NCBI GeneID	53343
NCBI Accession #	NP_932155
NCBI GenBank Nucleotide #	NM_198038
UniProt Accession #	Q8NG26; Q9BW91
Molecular Weight	33kDa
NCBI Official Full Name	ADP-ribose pyrophosphatase, mitochondrial isoform b
NCBI Official Synonym Full Names	nudix hydrolase 9
NCBI Official Symbol	NUDT9
NCBI Official Synonym Symbols	NUDT10
NCBI Protein Information	ADP-ribose pyrophosphatase, mitochondrial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nudt9-antibody-western-blot-immunohistochemistry-elisa/197993>