

Rabbit NUDT2 Polyclonal Antibody | anti-NUDT2 antibody

NUDT2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280018	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

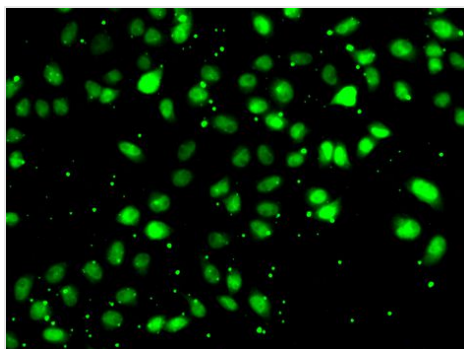
PRODUCT SYNONYMS

NUDT2; Polyclonal Antibody; NUDT2 Polyclonal Antibody; APAH1; anti-NUDT2 antibody

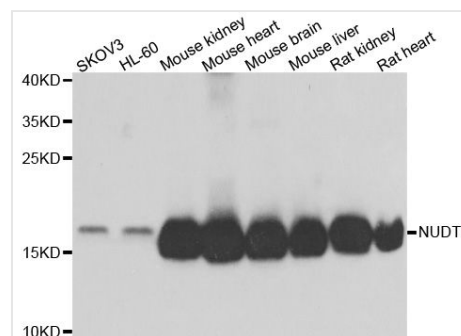
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	147
Applicable Applications for anti-NUDT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NUDT2
Calculated Molecular Weight	17kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using NUDT2 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NUDT2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-NUDT2 antibody	This gene encodes a member of the MutT family of nucleotide pyrophosphatases, a subset of the larger NUDIX hydrolase family. The gene product possesses a modification of the MutT sequence motif found in certain nucleotide pyrophosphatases. The enzyme asymmetrically hydrolyzes Ap4A to yield AMP and ATP and is responsible for maintaining the intracellular level of the dinucleotide Ap4A, the function of which has yet to be established. This gene may be a candidate tumor suppressor gene. Alternative splicing has been observed at this locus and four transcript variants, all encoding the same protein, have been identified.
Product Categories/Family for anti-NUDT2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1703326
NCBI GeneID	318
UniProt Accession #	P50583; Q5T589; D3DRM0
Molecular Weight	147
NCBI Official Full Name	Bis(5'-nucleosyl)-tetraphosphatase
NCBI Official Synonym Full Names	nudix (nucleoside diphosphate linked moiety X)-type motif 2
NCBI Official Symbol	NUDT2
NCBI Official Synonym Symbols	APAH1
NCBI Protein Information	bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]; bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]; Ap4Aase; nudix motif 2; Ap4A hydrolase 1; diadenosine tetraphosphatase; nucleoside diphosphate-linked moiety X motif 2; bis(5'-nucleosyl)-tetraphosphatase (asymmetrical); diadenosine 5',5''-P1,P4-tetraphosphate pyrophosphohydrolase; diadenosine 5',5'''-P1,P4-tetraphosphate asymmetrical hydrolase
UniProt Protein Name	Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]
UniProt Gene Name	NUDT2
UniProt Synonym Gene Names	APAH1; Ap4A hydrolase; Ap4Aase; Diadenosine tetraphosphatase; Nudix motif 2
UniProt Entry Name	AP4A_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nudt2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/280018>