

Rabbit anti-Human, Mouse NUDT2 Polyclonal Antibody | anti-NUDT2 antibody

NUDT2 Antibody

CATALOG # AAA309079	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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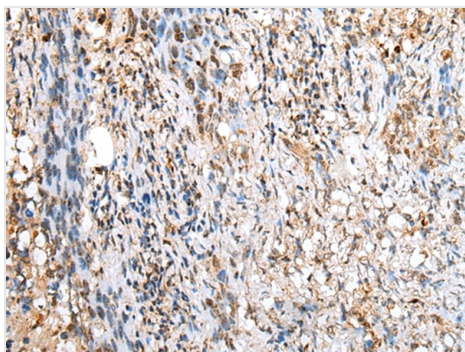
PRODUCT SYNONYMS

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

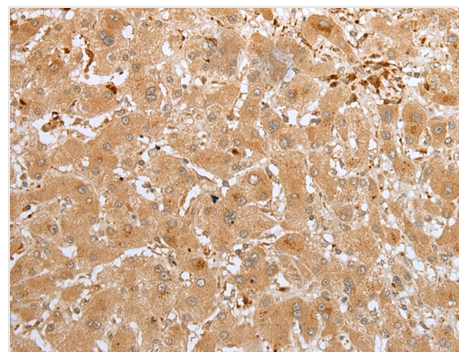
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NUDT2 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	147
Applicable Applications for anti-NUDT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein of human NUDT2
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

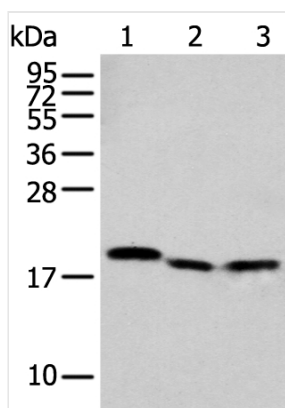
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/25.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/25.



WB (Western Blot)

Gel: 12%SDS-PAGE Lysate: 40 μ g Lane 1-3: Jurkat cell, Mouse liver tissue and spleen tissue Primary antibody: 1/200 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 20 seconds

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.
Product Categories/Family for anti-NUDT2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502125
NCBI GeneID	318
NCBI Accession #	NP_001152.1
NCBI GenBank Nucleotide #	NM_001161.4
UniProt Accession #	P50583; Q5T589; D3DRM0
Molecular Weight	16,829 Da
NCBI Official Full Name	NUDT2 gene product
NCBI Official Synonym Full Names	nudix hydrolase 2
NCBI Official Symbol	NUDT2
NCBI Official Synonym Symbols	APAH1
NCBI Protein Information	bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]
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.