

Rabbit NUDT6 Polyclonal Antibody | anti-NUDT6 antibody

NUDT6 Antibody

CATALOG # AAA325863	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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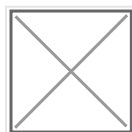
PRODUCT SYNONYMS

NUDT6; Polyclonal Antibody; NUDT6 Antibody; Antisense basic fibroblast growth factor; FGF2AS; GFG1; Nucleoside diphosphate linked moiety X motif 6; Nucleoside diphosphate-linked moiety X motif 6; Nudix motif 6; NUDT6_HUMAN; Protein GFG; anti-NUDT6 antibody

PRODUCT SPECIFICATIONS

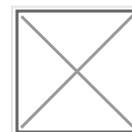
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NUDT6 antibody detects endogenous levels of total NUDT6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	316
Applicable Applications for anti-NUDT6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NUDT6
Subcellular Location	Nucleus; Mitochondrion
Tissue Specificity	Detected in liver, kidney and esophagus (at protein level). Ubiquitous.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325863 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of Jurkat using NUDT6 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NUDT6 antibody	Description: NUDT6 (nudix (nucleoside diphosphate linked moiety X)-type motif 6), also known as Antisense basic fibroblast growth factor or GFG-1, is a member of the Nudix hydrolase family of pyrophosphatases. Nudix hydrolases contain a characteristic Nudix domain and are responsible for catalyzing the hydrolysis of nucleoside diphosphate derivatives. The gene encoding NUDT6 is a FGF-2 gene antisense transcript, and NUDT6 is believed to regulate FGF-2 expression. FGF-2 is a multifunctional heparin-binding growth factor important to angiogenesis, neuroectoderm development and wound healing. NUDT6 is expressed as two isoforms produced by alternative splicing. Function: May contribute to the regulation of cell proliferation. Subunit Structure: Monomer and homodimer. Similarity: Belongs to the Nudix hydrolase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20149583
NCBI GeneID	11162
NCBI Accession #	NP_009014.2
NCBI GenBank Nucleotide #	NM_007083.4
UniProt Accession #	P53370; O95097; Q9UQD9; A8K756
Molecular Weight	Observed: 36 kDa Predicted: 36 kDa
NCBI Official Full Name	nucleoside diphosphate-linked moiety X motif 6 isoform a
NCBI Official Synonym Full Names	nudix hydrolase 6
NCBI Official Symbol	NUDT6
NCBI Official Synonym Symbols	GFG1; GFG-1; ASFGF2; FGF-AS; FGF2AS
NCBI Protein Information	nucleoside diphosphate-linked moiety X motif 6
UniProt Protein Name	Nucleoside diphosphate-linked moiety X motif 6
UniProt Gene Name	NUDT6
UniProt Synonym Gene Names	FGF2AS; Nudix motif 6

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.