

Rabbit NUDT4 Polyclonal Antibody | anti-NUDT4 antibody

NUDT4 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289140	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

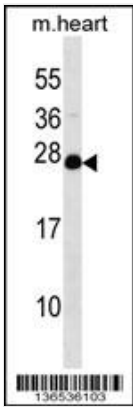
PRODUCT SYNONYMS

NUDT4; Polyclonal Antibody; NUDT4 Antibody (N-term); Diphosphoinositol polyphosphate phosphohydrolase 2; DIPP-2; Diadenosine 5'; 5'''-P1; P6-hexaphosphate hydrolase 2; 361-; Nucleoside diphosphate-linked moiety X motif 4; Nudix motif 4; DIPP2; KIAA0487; anti-NUDT4 antibody

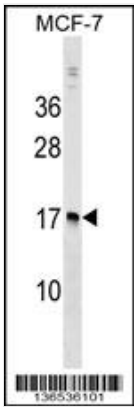
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NUDT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human NUDT4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	180
Applicable Applications for anti-NUDT4 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
NUDT4 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the NUDT4 antibody detected the NUDT4 protein (arrow).



WB (Western Blot)
NUDT4 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the NUDT4 antibody detected the NUDT4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NUDT4 antibody	The protein encoded by this gene regulates the turnover of diphosphoinositol polyphosphates. The turnover of these high-energy diphosphoinositol polyphosphates represents a molecular switching activity with important regulatory consequences. Molecular switching by diphosphoinositol polyphosphates may contribute to regulating intracellular trafficking. Several alternatively spliced transcript variants have been described, but the full-length nature of some variants has not been determined. Isoforms DIPP2alpha and DIPP2beta are distinguishable from each other solely by DIPP2beta possessing one additional amino acid due to intron boundary skidding in alternate splicing.
Product Categories/Family for anti-NUDT4 antibody	Signal Transduction
References	Fortna, A., et al. PLoS Biol. 2 (7), E207 (2004) : Fisher, D.I., et al. J. Biol. Chem. 277(49):47313-47317(2002) Leslie, N.R., et al. BMC Biochem. 3, 20 (2002) : Caffrey, J.J., et al. Gene 269 (1-2), 53-60 (2001) : Caffrey, J.J., et al. J. Biol. Chem. 275(17):12730-12736(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40317632
NCBI GeneID	11163
NCBI Accession #	NP_061967.3; NP_950241.1
NCBI GenBank Nucleotide #	NM_019094.5
UniProt Accession #	Q9NZJ9; Q4AEJ6; Q53EZ2; Q68DD7; Q9NPC5; Q9NS30; Q9NZK0; Q9NZK1; B7Z916
Molecular Weight	20306
NCBI Official Full Name	diphosphoinositol polyphosphate phosphohydrolase 2 isoform alpha
NCBI Official Synonym Full Names	nudix (nucleoside diphosphate linked moiety X)-type motif 4
NCBI Official Symbol	NUDT4
NCBI Official Synonym Symbols	DIPP2; HDCMB47P; DIPP2beta; DIPP2alpha

NCBI Protein Information	diphosphoinositol polyphosphate phosphohydrolase 2
UniProt Protein Name	Diphosphoinositol polyphosphate phosphohydrolase 2
UniProt Gene Name	NUDT4
UniProt Synonym Gene Names	DIPP2; KIAA0487; DIPP-2; Nudix motif 4
UniProt Entry Name	NUDT4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nudt4-antibody-western-blot-elisa/289140>