

Product datasheet for **AP52962PU-N**

NUDT2 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region between 61-90aa) of human NUDT2 /APAH1.
Specificity:	This antibody recognizes NUDT2 / APAH1.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Gene Name:	nudix hydrolase 2
Database Link:	Entrez Gene 318 Human P50583
Background:	The NUDT2 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 three transcript variants, all encoding the same protein, have been identified.



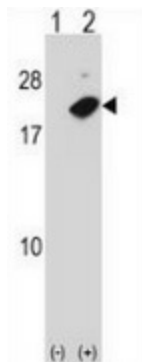
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Synonyms: Ap4A hydrolase, Ap4Aase, Diadenosine tetraphosphatase, Nudix motif 2

Note: **Molecular Weight:** 16829 Da

Protein Pathways: Purine metabolism, Pyrimidine metabolism

Product images:



Western blot analysis of NUDT2 (arrow) using NUDT2 / APAH1 antibody. : 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NUDT2 gene.