

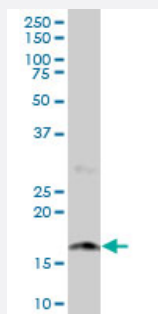
MaxPab®

NUDT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000318-B01P

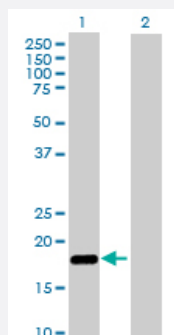
Size 50 ug

Applications



Western Blot (Tissue lysate)

NUDT2 MaxPab polyclonal antibody. Western Blot analysis of NUDT2 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of NUDT2 expression in transfected 293T cell line ([H00000318-T01](#)) by NUDT2 MaxPab polyclonal antibody.

Lane 1: NUDT2 transfected lysate(16.17 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NUDT2 protein.
Immunogen	NUDT2 (NP_001152.1, 1 a.a. ~ 147 a.a) full-length human protein.
Sequence	MALRACGLIIFRRCLIPKVDNNAIEFLLQASDGIHHWTPPKGHVEPGEDDLETALRETQEEAGIEA GQLTIIEGFKRELNYYARNKPKTVIYWLAEVKDYDVEIRLSHEHQAYRWLGLEEACQLAQFKEMKA ALQEGHQFLCSIEA
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of NUDT2 expression in transfected 293T cell line ([H00000318-T01](#)) by NUDT2 MaxPab polyclonal antibody.

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Gene Info — NUDT2

Entrez GeneID	318
GeneBank Accession#	NM_001161
Protein Accession#	NP_001152.1
Gene Name	NUDT2
Gene Alias	APAH1, MGC10404
Gene Description	nudix (nucleoside diphosphate linked moiety X)-type motif 2
Omim ID	602852
Gene Ontology	Hyperlink

Gene Summary

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 three transcript variants, all encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

Ap4A hydrolase 1|Ap4Aase|OTTHUMP00000021256|OTTHUMP00000021257|OTTHUMP00000021258|OTTHUMP00000021259|bis(5'-nucleosyl)-tetraphosphatase (asymmetrical)|diadenosine 5',5''-P1,P4-tetraphosphate pyrophosphohydrolase|diadenosine tetraphosphatase|nudix-type motif

Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)