

Datasheet

NUDT2 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00000318-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human NUDT2 protein.

Immunogen: NUDT2 (NP_001152, 1 a.a. ~ 147 a.a) full-length human protein.

Sequence:

MALRACGLIIFRRCLIPKVDNNAIEFLLLQASDGIHHWT
PPKGHVEPGEDDLETALRETQEEAGIEAGQLTIIEGFK
RELNYVARNPKPTVIYWLAEVKDYDVEIRLSHEHQAYR
WLGLEEACQLAQFKEMKAALQEGHQFLCSIEA

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 318

Gene Symbol: NUDT2

Gene Alias: APAH1, MGC10404

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]