

NUDT4 rabbit monoclonal antibody

Catalog # H00011163-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NUDT4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NUDT4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NUDT4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NUDT4

Entrez GeneID [11163](#)

GeneBank Accession# [NUDT4](#)

Gene Name NUDT4

Gene Alias DIPP2, DIPP2alpha, DIPP2beta, DKFZp686i1281, HDCMB47P, KIAA0487

Gene Description nudix (nucleoside diphosphate linked moiety X)-type motif 4

Omim ID [609229](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations diphosphoinositol polyphosphate phosphohydrolase type 2|nudix-type motif 4