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NUDT10 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57553

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8NFP7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18500

Additional Information

Gene ID	170685
Other Names	Diphosphoinositol polyphosphate phosphohydrolase 3-alpha, DIPP-3-alpha, DIPP3-alpha, hDIPP3alpha, 3.6.1.52, Diadenosine 5', 5'''-P1, P6-hexaphosphate hydrolase 3-alpha, Diadenosine hexaphosphate hydrolase (AMP-forming), 3.6.1.60, Nucleoside diphosphate-linked moiety X motif 10, Nudix motif 10, hAps2, NUDT10, APS2, DIPP3A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NUDT10
Synonyms	APS2, DIPP3A
Function	Cleaves a beta-phosphate from the diphosphate groups in PP- InsP5 (diphosphoinositol pentakisphosphate), suggesting that it may play a role in signal transduction. Also able to catalyze the hydrolysis of dinucleoside oligophosphates, with Ap6A and Ap5A being the preferred substrates. The major reaction products are ADP and p4a from Ap6A and ADP and ATP from Ap5A. Also able to hydrolyze 5- phosphoribose 1-diphosphate.
Cellular Location	Cytoplasm.
Tissue Location	Mainly expressed in testis and, at lower level in brain. According to PubMed:12121577, it is widely expressed

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.