

NUD11 Rabbit Polyclonal Antibody

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Catalog # AP93345

Product Information

Application	WB
Primary Accession	Q96G61
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	18559

Additional Information

Gene ID	55190
Other Names	Diphosphoinositol polyphosphate phosphohydrolase 3-beta, DIPP-3-beta, DIPP3-beta, hDIPP3beta, 3.6.1.52, Diadenosine 5', 5'''-P1, P6-hexaphosphate hydrolase 3-beta, Diadenosine hexaphosphate hydrolase (AMP-forming), 3.6.1.60, Nucleoside diphosphate-linked moiety X motif 11, Nudix motif 11, hAps1, NUDT11 (HGNC:18011), APS1, DIPP3B
Dilution	WB~~1:1000
Storage Conditions	-20°C

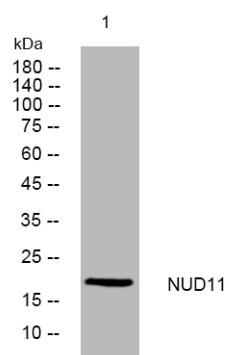
Protein Information

Name	NUDT11 (HGNC:18011)
Synonyms	APS1, DIPP3B
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 also expressed in pancreas and weakly expressed in thymus, prostate, ovary, lung, small intestine and heart.

Background

NUDT11 belongs to a subgroup of phosphohydrolases that preferentially attack diphosphoinositol polyphosphates (Hidaka et al., 2002 [PubMed 12105228]).[supplied by OMIM, Mar 2008],

Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night

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