



YN3688

NUD11 rabbit pAb

Catalog No	BYab-08530
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	NUDT11 APS1 DIPP3B
Protein Name	NUD11
Immunogen	Synthesized peptide derived from human NUD11 AA range: 83-133
Specificity	This antibody detects endogenous levels of NUD11 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm .
Tissue Specificity	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.
Function	catalytic activity:Diphospho-myo-inositol polyphosphate + H(2)O = myo-inositol polyphosphate + phosphate.,cofactor:Magnesium or manganese. Manganese may be the true cofactor in vivo.,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 catalyzes the hydrolysis of dinucleoside oligophosphates, with Ap6A and Ap5A being the

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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.,similarity:Belongs to the Nudix hydrolase family. DIPP subfamily.,tissue specificity: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],

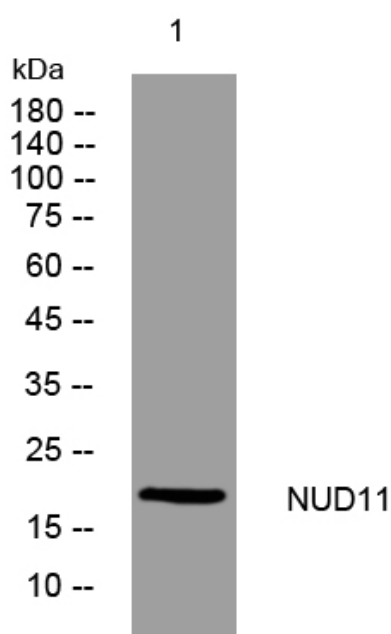
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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