

NUD11 Rabbit pAb

CatalogNo: YN3688

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 18kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human NUD11 AA range: 83-133

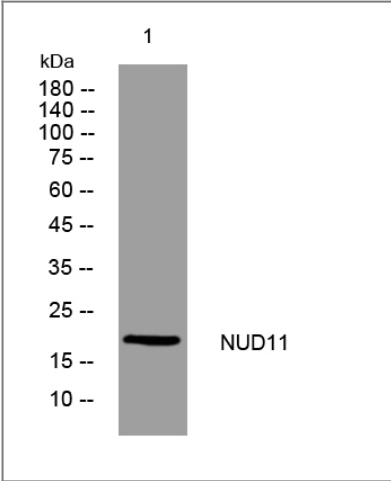
Specificity This antibody detects endogenous levels of NUD11 at Human/Mouse

Target Information

Gene name NUDT11 APS1 DIPP3B

Protein Name	NUD11		
	Organism	Gene ID	UniProt ID
	Human	55190 ;	Q96G61 ;
	Mouse	102954 ;	P0C028 ;
Cellular Localization	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 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.,		

Validation Data



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

Contact information

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NUD11 Rabbit pAb

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