

NUD10 Rabbit pAb

CatalogNo: YT6419

| 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 NUD10 AA range: 92-142

Specificity This antibody detects endogenous levels of NUD10 at Human/Mouse

| Target Information

Gene name NUDT10 APS2 DIPP3A

Protein Name NUD10

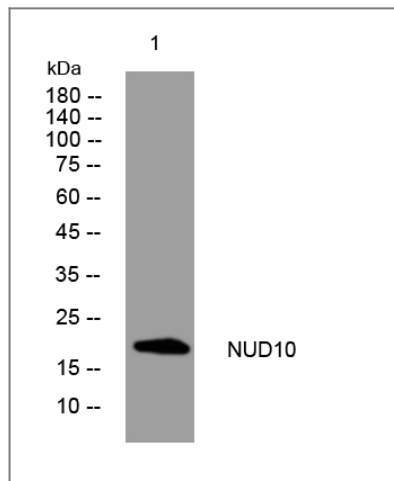
Organism	Gene ID	UniProt ID
Human	170685;	Q8NFP7;
Mouse	102954;	P0C027;

Cellular Localization Cytoplasm .

Tissue specificity Mainly expressed in testis and, at lower level in brain. According to PubMed:12121577, it is widely expressed.

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 widely expressed.,

Validation Data



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

Contact information

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