

# **NUD11 Rabbit Polyclonal Antibody**

NUD11 Rabbit Polyclonal Antibody Catalog # AP93345

#### **Product Information**

Application WB Primary Accession Q96G61

**Reactivity** Human, Mouse **Host** Polyclonal, Rabbit,IgG

Clonality Polyclonal Calculated MW Polyclonal

### **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

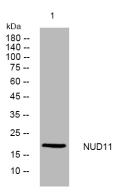
PubMed:12121577, it is also expressed in pancreas and weakly expressed in

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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