

# ENTPD4 Rabbit pAb

Catalog No.: A16469

## Basic Information

### Observed MW

80kDa

### Calculated MW

70kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the apyrase protein family. Apyrases are enzymes that catalyze the hydrolysis of nucleotide diphosphates and triphosphates in a calcium or magnesium-dependent manner. The encoded protein is an endo-apyrase and may play a role in salvaging nucleotides from lysosomes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and these isoforms may differ in divalent cation dependence and substrate specificity.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

9583

### Swiss Prot

Q9Y227

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-470 of human ENTPD4 (NP\_001122402.1).

### Synonyms

LAP70; LALP70; LYSAL1; UDPase; NTPDase-4; ENTPD4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

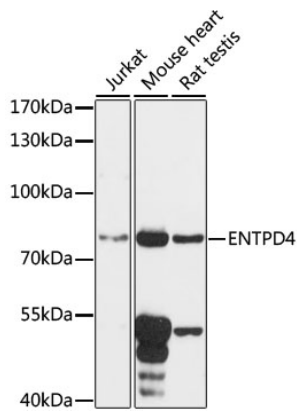
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using ENTPD4 Rabbit pAb (A16469) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.