

A1221

Leader in Biomolecular Solutions for Life Science



## ITPA Rabbit pAb

Catalog No.: A1221

### Basic Information

---

**Observed MW**

21kDa

**Calculated MW**

21kDa

**Category**

Polyclonal Antibody

**Applications**

WB,ELISA

**Cross-Reactivity**

Human,Mouse,Rat

### Background

---

This gene encodes an inosine triphosphate pyrophosphohydrolase. The encoded protein hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. This protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of ITP in red blood cells. Alternate splicing results in multiple transcript variants.

### Recommended Dilutions

---

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

---

**Gene ID**

3704

**Swiss Prot**

Q9BY32

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

DEE35; My049; ITPase; NTPase; C20orf37; dJ794I6.3; HLC14-06-P; ITPA

### Contact

---

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

---

**Source**

Rabbit

**Isotype**

IgG

**Purification**

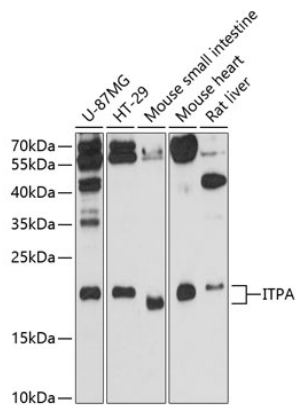
Affinity purification

**Storage**

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

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

## Validation Data



Western blot analysis of various lysates using ITPA Rabbit pAb (A1221) at 1:3000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.