

A9370

Leader in Biomolecular Solutions for Life Science



ITPA Rabbit mAb

Catalog No.: A9370

Recombinant

Basic Information

Observed MW

21kDa

Calculated MW

21kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC2773

Recommended Dilutions

WB 1:500 - 1:1000

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

Contact

 www.abclonal.com

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.

Immunogen Information

Gene ID

3704

Swiss Prot

Q9BY32

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

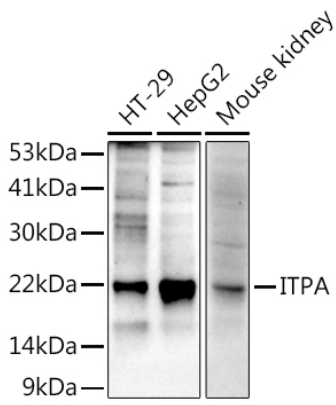
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using (A9370) at 1:1000 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: 180s.