

ITPA Antibody
Rabbit mAb
Catalog # AP92771

Specification

ITPA Antibody - Product Information

Application	WB, IHC
Primary Accession	O9BY32
Clonality	Monoclonal
Other Names	
Inosine triphosphatase; Itpa; ITPase; My049; NTPase;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21446 Da

ITPA Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ITPA
Description	Hydrolyzes ITP and dITP to their respective monophosphate derivatives.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

ITPA Antibody - Protein Information

Name ITPA {ECO:0000255|HAMAP-Rule:MF_03148}

Synonyms C20orf37

Function

Pyrophosphatase that hydrolyzes the non-canonical purine nucleotides inosine triphosphate (ITP), deoxyinosine triphosphate (dITP) as well as 2'-deoxy-N-6-hydroxylaminopurine triphosphate (dHAPTP) and xanthosine 5'-triphosphate (XTP) to their respective monophosphate derivatives. The enzyme does not distinguish between the deoxy- and ribose forms. Probably excludes non-canonical purines from RNA and DNA precursor pools, thus preventing their incorporation into RNA and DNA and avoiding chromosomal lesions.

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03148, ECO:0000269|PubMed:11278832}

Tissue Location

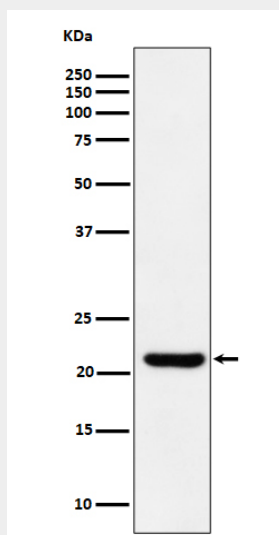
Ubiquitous. Highly expressed in heart, liver, sex glands, thyroid and adrenal gland

ITPA Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ITPA Antibody - Images



Western blot analysis of ITPA expression in HepG2 cell lysate.