

**ITPA Antibody**  
Rabbit mAb  
Catalog # AP92771

## Specification

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### ITPA Antibody - Product Information

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">O9BY32</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
Inosine triphosphatase; Itpa; ITPase; My049; NTPase;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>21446 Da</b>

### ITPA Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human ITPA</b>
Description	<b>Hydrolyzes ITP and dITP to their respective monophosphate derivatives.</b>
Storage Condition and Buffer	<b>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.</b>

### 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

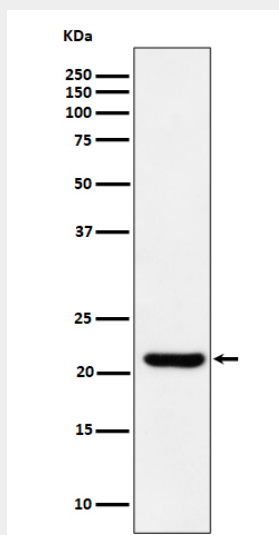
Ubiquitous. Highly expressed in heart, liver, sex glands, thyroid and adrenal gland

## 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.