

ITPA Rabbit mAb
Catalog # AP75620**Specification**

ITPA Rabbit mAb - Product Information

| | |
|-------------------|----------------------------|
| Application | WB, IHC |
| Primary Accession | Q9BY32 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 21446 |

ITPA Rabbit mAb - Additional Information**Gene ID** 3704**Other Names**

ITPA

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

ITPA Rabbit mAb - 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 Rabbit mAb - 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 Rabbit mAb - Images

