

**Product Name: ITPA Rabbit Monoclonal antibody**  
**Catalog #: AMRe02160**



## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | ITPA Rabbit Monoclonal antibody        |
| <b>Description</b>     | Recombinant rabbit monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC                                 |
| <b>Reactivity</b>      | Human                                  |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal Antibody                                                                                  |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purified                                                                                    |

## Immunogen

|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| <b>Gene Name</b>         | ITPA                                                   |
| <b>Alternative Names</b> | My049; ITPase; NTPase; C20orf37; dJ794I6.3; HLC14-06-P |
| <b>Gene ID</b>           | 3704                                                   |
| <b>SwissProt ID</b>      | Q9BY32.                                                |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100             |
| <b>Molecular Weight</b> | Calculated MW: 21 kDa; Observed MW: 21 kDa |

## Background

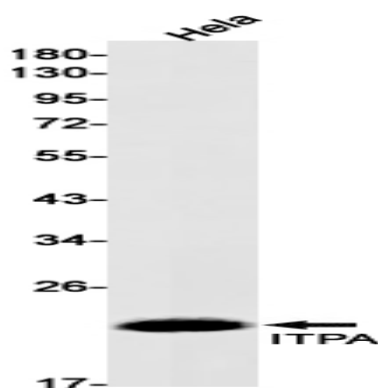
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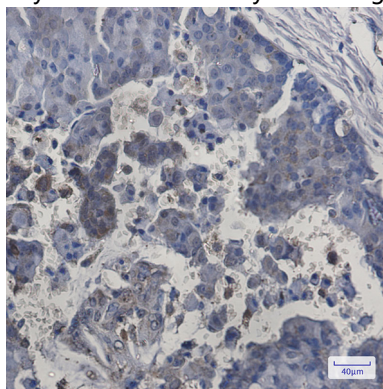
Pyrophosphatase that hydrolyzes the non-canonical purine nucleotides inosine triphosphate (ITP), deoxyinosine triphosphate (dITP) as well as 2'-deoxy-N-6-hydroxylaminopurine triphosphate (dHAPTP) and xanthosine 5'-triphosphate (XTP) to their respective monophosphate derivatives. The enzyme does not distinguish 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.

## Research Area

## Image Data



Western blot analysis of ITPA in HeLa lysates using ITPA antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Inosine triphosphate pyrophosphatase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.