
Product Name: ITPA Rabbit Monoclonal Antibody**Catalog #: AMRe85710**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	ITPA
Alternative Names	My049; ITPase; NTPase; C20orf37; dJ794I6.3; HLC14-06-P
Gene ID	3704.0
SwissProt ID	Q9BY32
Immunogen	A synthetic peptide of human Inosine triphosphate pyrophosphatase

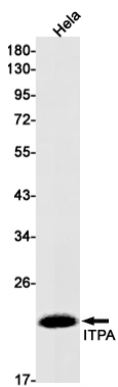
Background

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

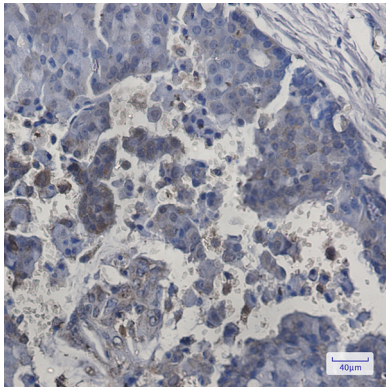
excludes non-canonical purines from RNA and DNA precursor pools, thus preventing their incorporation into RNA and DNA and avoiding chromosomal lesions.

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.