

anti-Human ITPA Monoclonal Antibody | anti-ITPA antibody

ITPA Rabbit mAb

CATALOG # AAA314393	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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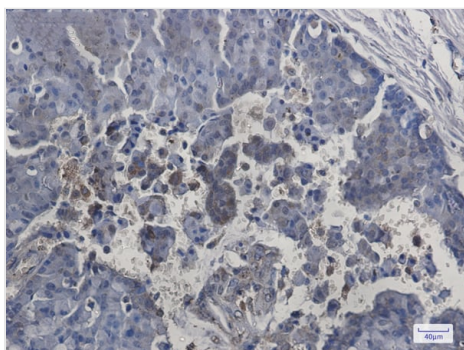
PRODUCT SYNONYMS

ITPA; Monoclonal Antibody; ITPA Rabbit mAb; My049; ITPase; NTPase; C20orf37; dJ794I6.3; HLC14-06-P; anti-ITPA antibody

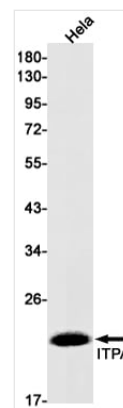
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S01-4D4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-ITPA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Inosine triphosphate pyrophosphatase
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of Inosine triphosphate pyrophosphatase in paraffin-embedded Human breast cancer tissue using Inosine triphosphate pyrophosphatase Rabbit mAb at dilution 1/50


WB (Western Blot)

Western blot detection of ITPA in Hela cell lysates using ITPA Rabbit mAb(1:1000 diluted). Predicted band size:22kDa. Observed band size:22kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ITPA antibody	Pyrophosphatase that hydrolyzes the non-canonical purine nucleotides inosine triphosphate (ITP), deoxyinosine triphosphate (dITP) as well as 2'-deoxy-N-6-hydroxylaminopurine triphosphate (dHATP) 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.
Product Categories/Family for anti-ITPA antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	30173120
NCBI GeneID	3704
UniProt Accession #	Q9BY32; O14878; Q5JWH4; Q9BYN1; Q9BYX0; Q9H3H8; A2A2N2; A4UIM5; B2BCH7
Molecular Weight	21,446 Da
NCBI Official Full Name	Inosine triphosphate pyrophosphatase
NCBI Official Synonym Full Names	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)
NCBI Official Symbol	ITPA
NCBI Official Synonym Symbols	My049; C20orf37; dJ794I6.3; HLC14-06-P
NCBI Protein Information	inosine triphosphate pyrophosphatase; ITPase; NTPase; inosine triphosphatase-A; putative oncogene protein HLC14-06-P; nucleoside-triphosphate diphosphatase; non-standard purine NTP pyrophosphatase; non-canonical purine NTP pyrophosphatase; inosine triphos
UniProt Protein Name	Inosine triphosphate pyrophosphatase
UniProt Gene Name	ITPA
UniProt Synonym Gene Names	C20orf37; ITPase; Inosine triphosphatase; NTPase
UniProt Entry Name	ITPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/itpa-antibody-clone-s01-4d4-immunohistochemistry-western-blot-elisa/314393>