

ITPA Rabbit mAb

Catalog # AP75620

Product Information

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

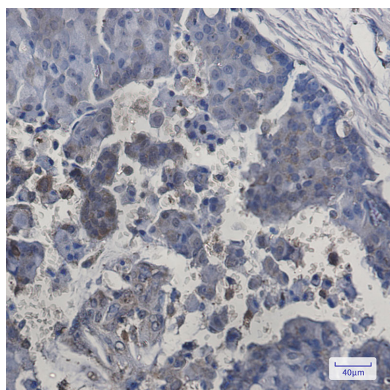
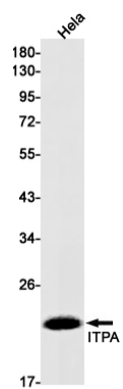
Additional Information

Gene ID	3704
Other Names	ITPA
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

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

Images



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