



Anti-ITPA (aa 21-177) polyclonal antibody (DPABH-07584)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Hydrolyzes ITP and dITP to their respective monophosphate derivatives. Xanthosine 5-triphosphate (XTP) is also a potential substrate. May be the major enzyme responsible for regulating ITP concentration in cells.
Immunogen	Recombinant fragment, corresponding to amino acids 21-177 of Human Inosine triphosphate pyrophosphatase (BC010138).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituents: 1% BSA, 98% PBS
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ITPA inosine triphosphatase (nucleoside triphosphate pyrophosphatase) [Homo sapiens]
Official Symbol	ITPA
Synonyms	ITPA; inosine triphosphatase (nucleoside triphosphate pyrophosphatase); My049; C20orf37; dJ794I6.3; HLC14-06-P; 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 triphosphate pyrophosphohydrolase;
Entrez Gene ID	3704
Protein Refseq	NP_001254552.1
UniProt ID	Q9BY32
Pathway	Drug metabolism - other enzymes; Metabolism; Purine metabolism; Pyrimidine metabolism
Function	ITP diphosphatase activity; XTP diphosphatase activity; dITP diphosphatase activity; metal ion binding
