



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 21-177 of Human Inosine triphosphate pyrophosphatase (BC010138).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.20; Constituents: 1% BSA, 98% PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ITPA inosine triphosphatase (nucleoside triphosphate pyrophosphatase) [ Homo sapiens ]</a>
<b>Official Symbol</b>	ITPA
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">3704</a>
<b>Protein Refseq</b>	<a href="#">NP_001254552.1</a>
<b>UniProt ID</b>	<a href="#">Q9BY32</a>
<b>Pathway</b>	Drug metabolism - other enzymes; Metabolism; Purine metabolism; Pyrimidine metabolism
<b>Function</b>	ITP diphosphatase activity; XTP diphosphatase activity; dITP diphosphatase activity; metal ion binding