

## ITPA antibody

### Product Information

Catalog No.:	FNab04420
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

Immunogen:	inosine triphosphatase(nucleoside triphosphate pyrophosphatase)
Synonyms:	Inosine triphosphate pyrophosphatase (ITPase, Inosine triphosphatase) Non-canonical purine NTP pyrophosphatase Non-standard purine NTP pyrophosphatase Nucleoside-triphosphate diphosphatase Nucleoside-triphosphate pyrophosphatase (NTPase) Putative oncogene protein hlc14-06-p ITPA C20orf37
Observed MW:	22 kDa
Uniprot ID :	Q9BY32

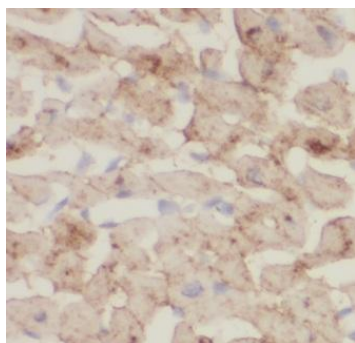
### Application

Reactivity:	Human, Mouse, Rat
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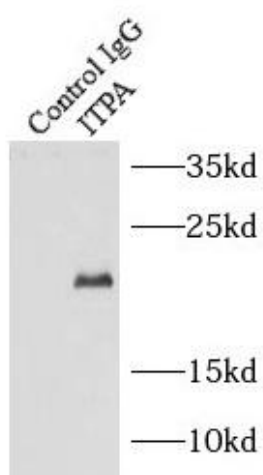
Tested Application: ELISA, WB, IF, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

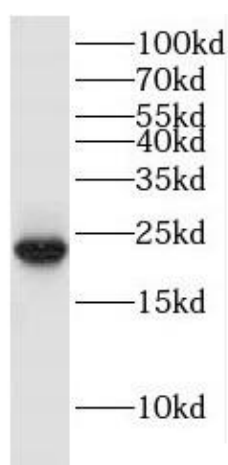
Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab04420(ITPA Antibody) at dilution of 1:50



IP Result of anti-ITPA (IP:FNab04420, 4ug; Detection:FNab04420 1:1000) with mouse liver tissue lysate 4000ug.



K-562 cells were subjected to SDS PAGE followed by western blot with FNab04420(ITPA antibody) at dilution of 1:1000