antibodies -online.com







Overview



Quantity:	100 μL
Target:	ITPA
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal

Conjugate: This ITPA antibody is un-conjugated

Application: Western Blotting (WB)

Product Details

Purpose:	ITPA Rabbit mAb
Immunogen:	A synthesized peptide derived from human ITPA.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ITPA
Alternative Name:	ITPA (ITPA Products)
Background:	This gene encodes an inosine triphosphate pyrophosphohydrolase. The encoded protein

Target Details

hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. This protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of ITP in red blood cells. Alternate splicing results in multiple transcript variants.,ITPA, C20orf37, HLC14-06-P, ITPase, My049, NTPase, dJ794I6.3, inosine triphosphatase,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,ITPA

Molecular Weight: 22kDa

Gene ID: 3704

UniProt: Q9BY32

Application Details

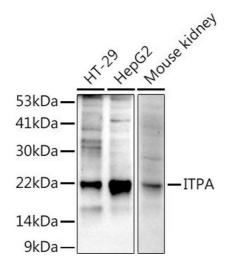
Application Notes: WB,1:500 - 1:2000

For Research Use only

Handling

Restrictions:

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using (ABIN7267879) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 180s.