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anti-ITPA antibody (N-Term)





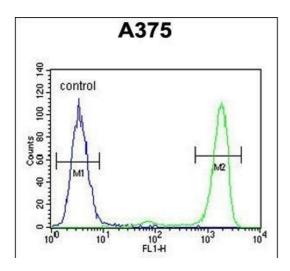
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Quantity:	400 μL
Target:	ITPA
Binding Specificity:	AA 24-51, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Product Details Immunogen:	This ITPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-51 amino acids from the N-terminal region of human ITPA.
Immunogen:	peptide between 24-51 amino acids from the N-terminal region of human ITPA.
Immunogen: Clone:	peptide between 24-51 amino acids from the N-terminal region of human ITPA. RB22150
Immunogen: Clone: Isotype:	peptide between 24-51 amino acids from the N-terminal region of human ITPA. RB22150 Ig Fraction
Immunogen: Clone: Isotype: Predicted Reactivity:	peptide between 24-51 amino acids from the N-terminal region of human ITPA. RB22150 Ig Fraction B, C, M, Rat, X

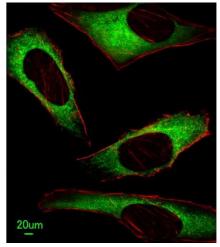
Target Details				
Alternative Name:	ITPA (ITPA Products)			
Background:	ITPA hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. The encoded protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency. Two transcript variants encoding two different isoforms have been found for this gene.			
Molecular Weight:	21446			
Gene ID:	3704			
NCBI Accession:	NP_001254552, NP_258412, NP_852470			
UniProt:	Q9BY32			
Application Details				
Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50			
Restrictions:	For Research Use only			
Handling				
Format:	Liquid			
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.			

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



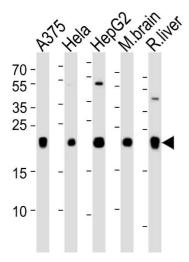
Flow Cytometry

Image 1. IT Antibody (N-term) (ABIN651135 and ABIN2840091) flow cytometric analysis of cells (right histogram) comred to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Immunofluorescent analysis of Hela cells, using IT Antibody (N-term) (ABIN651135 and ABIN2840091). (ABIN651135 and ABIN2840091) was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor® 554 (red) conjugated Phalloidin (red).



Western Blotting

Image 3. Western blot analysis of lysates from , Hela, HepG2 cell line, mouse brain and rat liver tissue lysate(from left to right), using IT Antibody (N-term) (ABIN651135 and ABIN2840091). (ABIN651135 and ABIN2840091) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 μ g per lane.

Please check the product details page for more images. Overall 4 images are available for ABIN651135.