

产品名称: ITPA Rabbit Monoclonal Antibody
产品货号: AMRe85710



产品概述 (Summary)

产品名称 (Production Name)	ITPA Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ITPA
别名 (Alternative Names)	My049; ITPase; NTPase; C20orf37; dJ794I6.3; HLC14-06-P
基因 ID (Gene ID)	3704.0
蛋白 ID (SwissProt ID)	Q9BY32.A synthetic peptide of human Inosine triphosphate pyrophosphatase

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 21 kDa; Observed MW: 21 kDa

研究背景 (Background)

Pyrophosphatase that hydrolyzes the non-canonical purine nucleotides inosine triphosphate (ITP), deoxyinosine

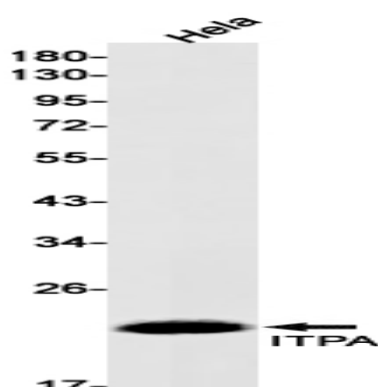
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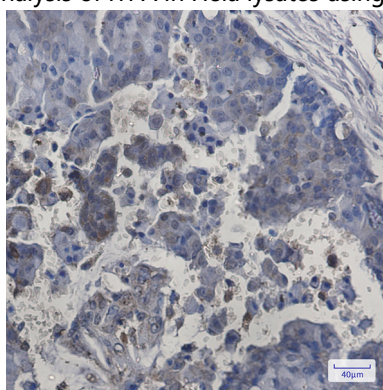
triphosphate (dITP) as well as 2'-deoxy-N-6-hydroxylaminopurine triphosphate (dHAPTP) and xanthosine 5'-triphosphate (XTP) to their respective monophosphate derivatives. The enzyme does not distinguish between the deoxy- and ribose forms. Probably excludes non-canonical purines from RNA and DNA precursor pools, thus preventing their incorporation into RNA and DNA and avoiding chromosomal lesions.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of ITPA in HeLa lysates using ITPA antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Inosine triphosphate pyrophosphatase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .