

产品名称: 14-3-3 θ/τ (phospho Ser232) Rabbit Polyclonal Antibody
产品货号: APRab04179



产品概述 (Summary)

产品名称 (Production Name)	14-3-3 θ/τ (phospho Ser232) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	YWHAQ
别名 (Alternative Names)	YWHAQ; 14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; Protein HS1
基因 ID (Gene ID)	5350.0
蛋白 ID (SwissProt ID)	P27348.The antiserum was produced against synthesized peptide derived from human 14-3-3 thet/tau around the phosphorylation site of Ser232. AA range:196-245

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
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蛋白分子量 (Molecular Weight) 28kDa

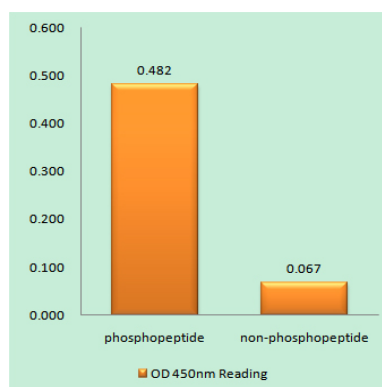
研究背景 (Background)

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse and rat orthologs. This gene is upregulated in patients with amyotrophic lateral sclerosis. It contains in its 5' UTR a 6 bp tandem repeat sequence which is polymorphic, however, there is no correlation between the repeat number and the disease. [provided by RefSeq, Jul 2008], function: Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner., similarity: Belongs to the 14-3-3 family., subcellular location: In neurons, axonally transported to the nerve terminals., subunit: Homodimer. Interacts with PCTK1 (By similarity). Interacts with SSH1. Interacts with CDKN1B ('Thr-198' phosphorylated form); the interaction translocates CDKN1B to the cytoplasm., tissue specificity: Abundantly expressed in brain, heart and pancreas, and at lower levels in kidney and placenta. Up-regulated in the lumbar spinal cord from patients with sporadic amyotrophic lateral sclerosis (ALS) compared with controls, with highest levels of expression in individuals with predominant lower motor neuron involvement.,

研究领域 (Research Area)

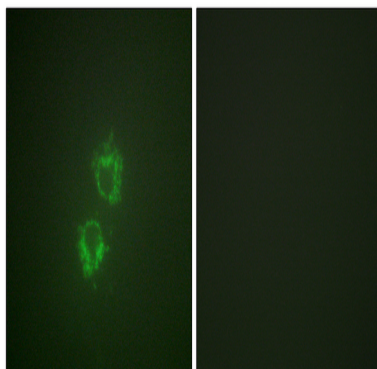
Cell_Cycle_G1S; Cell_Cycle_G2M_DNA; Oocyte meiosis; Neurotrophin; Pathogenic Escherichia coli infection;

图片 (Image Data)

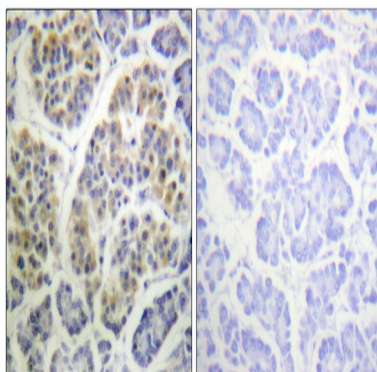


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using 14-3-3 θ/τ (Phospho-Ser232) Antibody

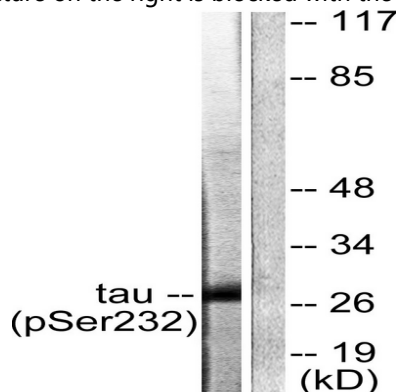
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Immunofluorescence analysis of HeLa cells, using 14-3-3 θ/τ (Phospho-Ser232) Antibody. The picture on the right is blocked with the phospho peptide.

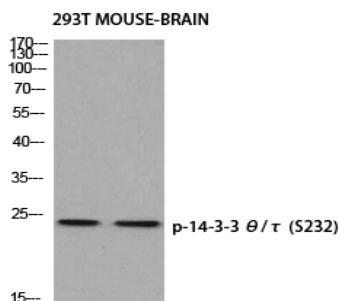


Immunohistochemistry analysis of paraffin-embedded human pancreas, using 14-3-3 θ/τ (Phospho-Ser232) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells, using 14-3-3 θ/τ (Phospho-Ser232) Antibody. The lane on the right is blocked with the phospho peptide.

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Western blot analysis of 293T MOUSE-BRAIN using p-14-3-3 θ/τ (S232) antibody. Antibody was diluted at 1:500

注意事项 (Note)

For research use only .