Casein Kinase IIβ (Phospho Ser209) Rabbit pAb

CatalogNo: YP0732

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC,IF,ELISA

MW
- 25kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:40000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human CKII-beta around the phosphorylation site of Ser209. AA range:166-215

Specificity Phospho-Casein Kinase IIβ (S209) Polyclonal Antibody detects endogenous levels of Casein Kinase IIβ protein only when phosphorylated at S209.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):FKsPV

Target Information

Gene name CSNK2B

Protein Name Casein kinase II subunit beta

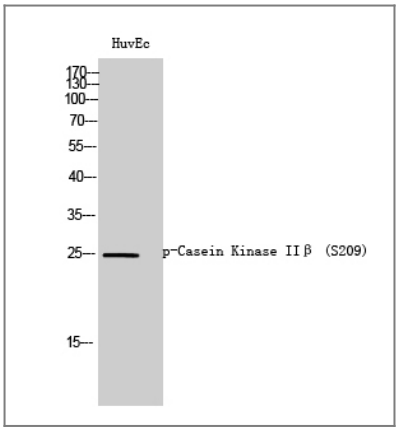
Organism	Gene ID	UniProt ID
Human	1460;	P67870;
Mouse	13001;	P67871;
Rat	81650;	P67874;

Cellular Localization nucleus ,nucleoplasm ,cytoplasm ,cytosol ,plasma membrane ,protein kinase CK2 complex ,PcG protein complex ,extracellular exosome ,

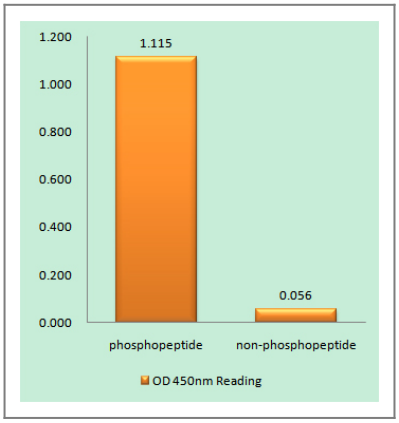
Tissue specificity Brain ,Epithelium ,

Function Function:Participates in Wnt signaling (By similarity) . Plays a complex role in regulating the basal catalytic activity of the alpha subunit. ,PTM:N-glycosylated. ,PTM:Phosphorylated by alpha subunit. ,similarity:Belongs to the casein kinase 2 subunit beta family. ,similarity:Contains 1 UPAR/Ly6 domain. ,subunit:Forms oligomer. ,subunit:Tetramer composed of an alpha subunit , an alpha' subunit and two beta subunits. Interacts with TCTEX1D3 (By similarity) . Interacts with CD163. Also component of a CK2-SPT16-SSRP1 complex composed of SSRP1 , SUPT16H , CSNK2A1 , CSNK2A2 and CSNK2B , the complex associating following UV irradiation. ,

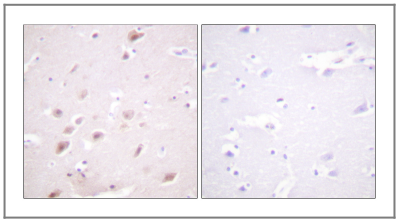
Validation Data



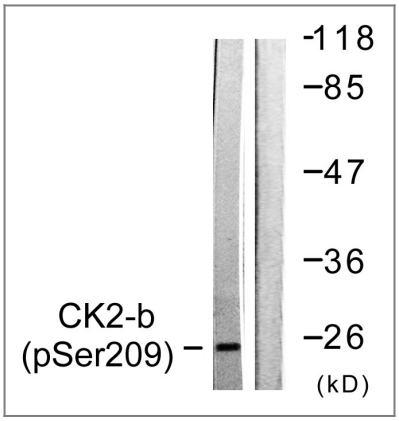
Western Blot analysis of HuvEc cells using Phospho-Casein Kinase IIβ (S209) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CKII-beta (Phospho-Ser209) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using CKII-beta (Phospho-Ser209) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells, using CKII-beta (Phospho-Ser209) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:
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