CSNK2B Rabbit mAb

Catalog No: #49753

Package Size: #49753-1 50ul #49753-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

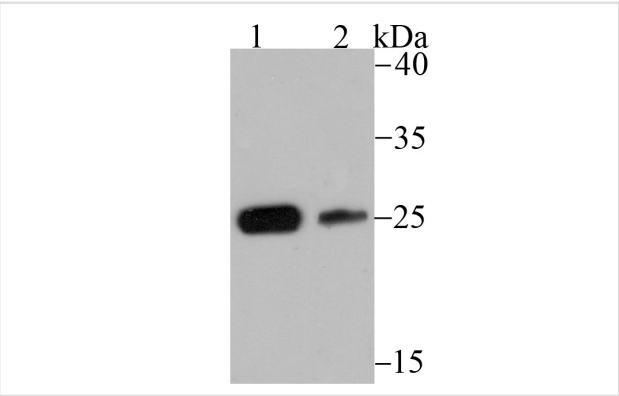
Description

Product Name	CSNK2B Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU37-62
Purification	ProA affinity purified
Applications	WB,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	Casein kinase 2 beta polypeptide antibody Casein kinase II beta subunit antibody Casein kinase II subunit beta antibody CK II beta antibody CK2B antibody CK2N antibody CSK2B antibody CSK2B_HUMAN antibody CSNK 2B antibody csnk2b antibody G5A antibody MGC138222 antibody MGC138224 antibody Phosvitin antibody Protein G5a antibody
Accession No.	Swiss-Prot#:P67870
Uniprot	P67870
GeneID	1460;
Calculated MW	25 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

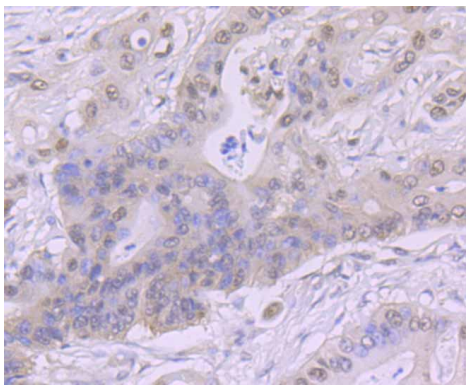
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:100IP: 1:10-1:50

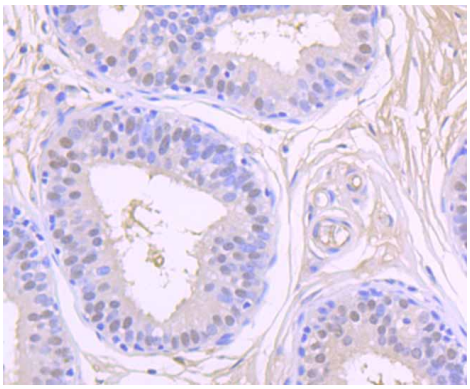
Images



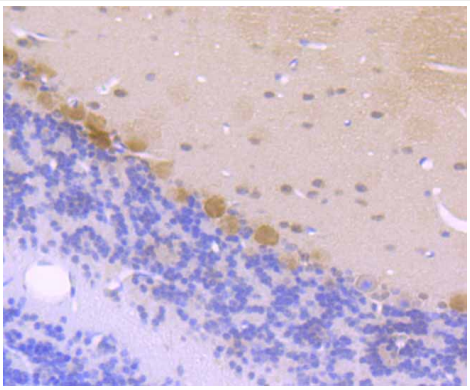
Western blot analysis of CSNK2B on SH-SY5Y (1) and 293 (2) lysate using anti-CSNK2B antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-CSNK2B antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-CSNK2B antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-CSNK2B antibody. Counter stained with hematoxylin.

Background

Casein kinase I (also designated CKI) and casein kinase II (CKII) compose a family of serine/threonine protein kinases which are present in all eukaryotes examined to date. Casein kinase I family members, which include casein kinase Iα, Iγ, Iδ and Ie, have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. CKII is usually expressed as a tetrameric complex consisting of either an α2β2 or an αα'β2 structure. The a catalytic subunit is stimulated by the β regulatory subunit, which undergoes autophosphorylation. Casein kinase II activity is high in the cytosol and nucleus of proliferating and differentiating cells. Casein kinase II is known to phosphorylate more than 100 different substrates including nuclear oncoproteins, transcription factors and enzymes involved in DNA metabolism.

References

Note: This product is for in vitro research use only