



Casein Kinase Iy2 Polyclonal Antibody

Catalog No	YP-Ab-14700
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CSNK1G2
Immunogen	The antiserum was produced against synthesized peptide derived from human CKI-gamma2. AA range:10-59
Specificity	Casein Kinase Iy2 Polyclonal Antibody detects endogenous levels of Casein Kinase Iy2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Casein Kinase Iy2;CSNK1G2;Casein kinase I isoform gamma-2;CK1G2;CKI-gamma 2
Observed Band	47kD
Calculated Molecular Weight	47kD
Cell Pathway	Cytoplasm, cell cortex . Cytoplasm .
Tissue Specificity	Testis.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer.,tissue specificity:Testis.,

**Background**

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matters needing attention

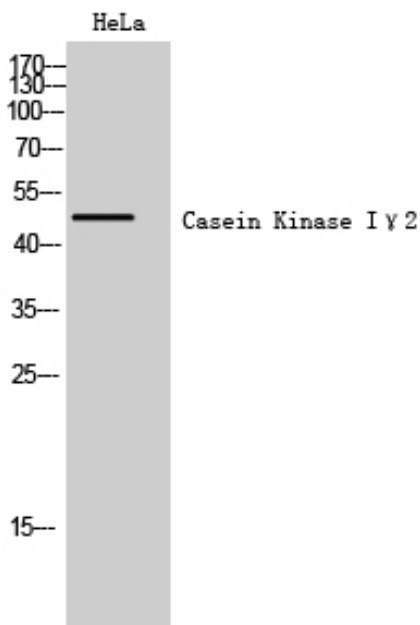
Avoid repeated freezing and thawing!

Usage suggestions

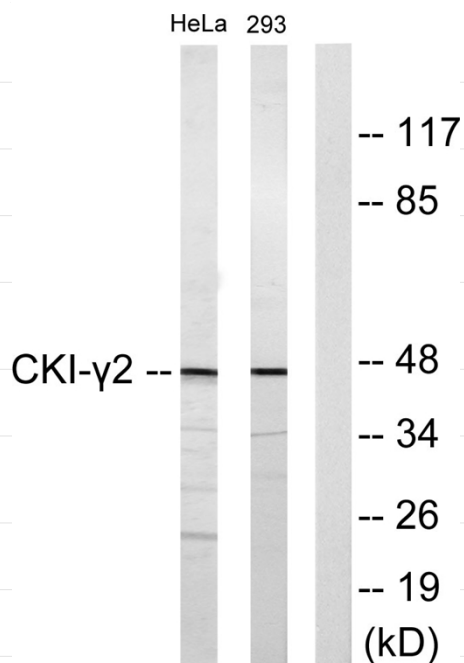
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



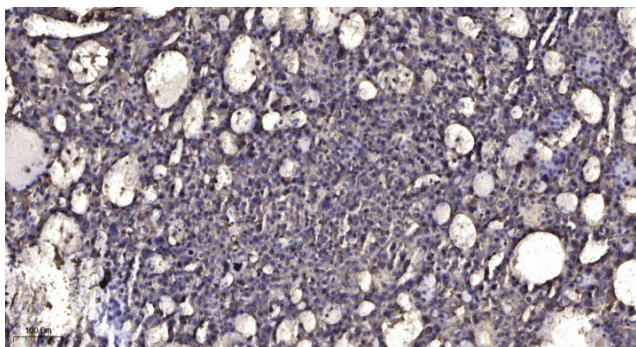
Products Images



Western Blot analysis of HeLa cells using Casein Kinase I γ 2 Polyclonal Antibody



Western blot analysis of lysates from HeLa and 293 cells, using CKI-gamma2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).