



Casein Kinase I α 1/1L Polyclonal Antibody

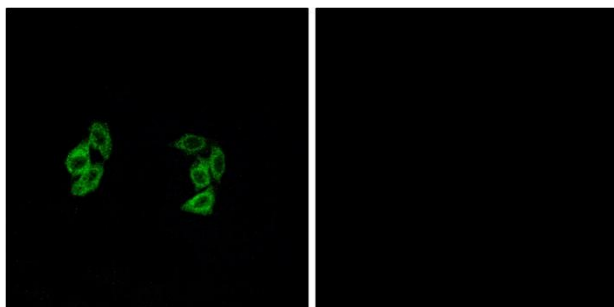
Catalog No	YP-Ab-14694
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;WB;ELISA
Gene Name	CSNK1A1/CSNK1A1L
Protein Name	Casein kinase I isoform alpha/Casein kinase I isoform alpha-like
Immunogen	The antiserum was produced against synthesized peptide derived from human CKI-alpha1/L. AA range:141-190
Specificity	Casein Kinase I α 1/1L Polyclonal Antibody detects endogenous levels of Casein Kinase I α 1/1L 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	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	\geq 90%
Storage Stability	-20°C/1 year
Synonyms	CSNK1A1L; Casein kinase I isoform alpha-like; CKI-alpha-like; CK1; CSNK1A1; Casein kinase I isoform alpha; CKI-alpha; CK1
Observed Band	30kD
Cell Pathway	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.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,
Background	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.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,

**matters needing attention**

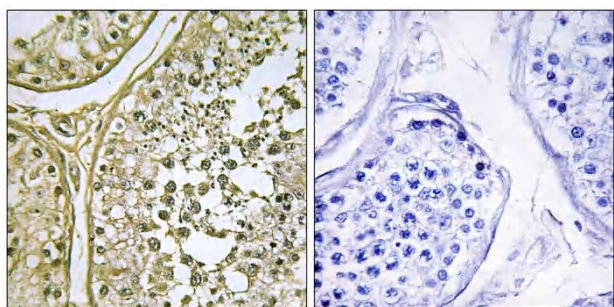
Avoid repeated freezing and thawing!

Usage suggestions

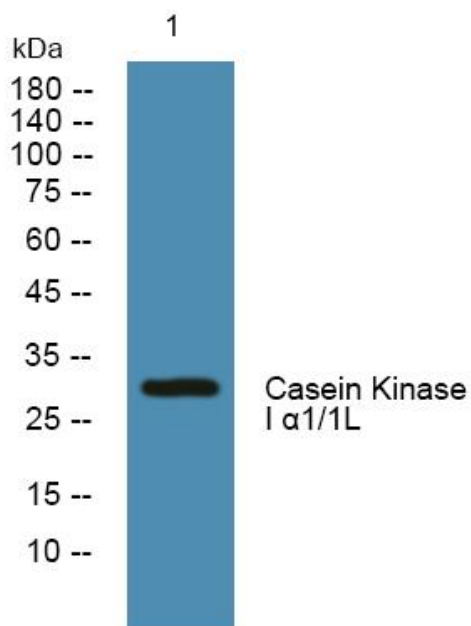
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Immunofluorescence analysis of A549 cells, using CKI-alpha1/L Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using CKI-alpha1/L Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night