

Casein Kinase I α rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A11611	Rabbit	1 mg/ml	38915

Applications	WB,ELISA
Reactivity	Human,Mouse,Rat
Dilution	WB 1:500-2000, ELISA 1:10000-20000
Storage	-20°C/1 year
Specificity	Casein Kinase I α Polyclonal Antibody detects endogenous levels of Casein Kinase I α
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CSNK1A1. AA range:161-210
Uniprot No	P48729
Alternative names	Casein kinase I isoform alpha (CKI-alpha) (EC 2.7.11.1) (CK1)
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
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. Phosphorylates CTNNB1 on 'Ser-45'. ,similarity:Belongs to the protein kinase superfamily.,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. Interacts with the Axin complex.,
Other	CSNK1A1, Casein Kinase I α

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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