

## Casein Kinase 1 alpha Antibody

Cat. No.:	HY-P80585
Synonyms:	Casein Kinase 1 alpha Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 39 kDa, targeting to Casein Kinase 1 alpha. It can be used for WB,IP assays with tag free, in the background of Human, Rat.
Host:	Rabbit
Reactivity:	Human,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P48729
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 39 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IP	1:20
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	Casein Kinase 1 alpha: Enables protein serine/threonine kinase activity. Involved in several processes, including negative regulation of canonical Wnt signaling pathway; peptidyl-serine phosphorylation; and positive regulation of proteasomal ubiquitin-dependent protein catabolic process. Located in centrosome; cytosol; and nuclear speck. Part of beta-catenin destruction complex. Colocalizes with keratin filament and mRNA cleavage and polyadenylation specificity factor complex. Biomarker of Alzheimer's disease and inclusion body myositis. [provided by Alliance of Genome Resources, Apr 2022]
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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