

# Anti-Casein Kinase 1 alpha Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012459

## Product Information

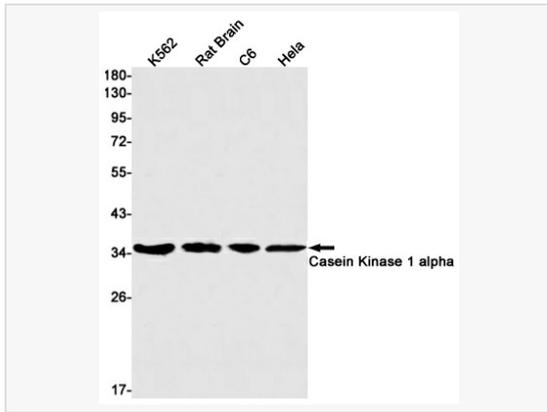
Application	WB, IP, ELISA
Reactivity	Rat, Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	81L65K56
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Casein Kinase 1 alpha
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Casein Kinase 1 alpha antibody [81L65K56] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	CSNK1A1, Casein kinase I isoform alpha, CKI-alpha, CK1.
Calculated MW	Calculated MW: 39 kDa; Observed MW: 34 kDa
Uniprot ID	P48729
Gene ID	1452
Background	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 at 'Ser-45'. May play a role in segregating chromosomes during mitosis.

## Validation Images

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Western blot analysis of Casein Kinase 1 alpha in K562, rat Brain, C6, HeLa lysates using Casein Kinase 1 alpha antibody.