

## Anti-CK I alpha Antibody (1G557)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	1G557
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of CSNK1A1 expression in (1) MCF7 cell lysate; (2) NIH/3T3 cell lysate.
Application:	WB
Recommended	WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human CK I alpha
Synonyms:	CK1A;CK1;CK I a;HLCDGP1;CK Ia;CKI a;Csnk1a1;CKIa;CKI alpha

### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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