

## CASK Antibody

Catalog No: #32678

Package Size: #32678-1 50ul #32678-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

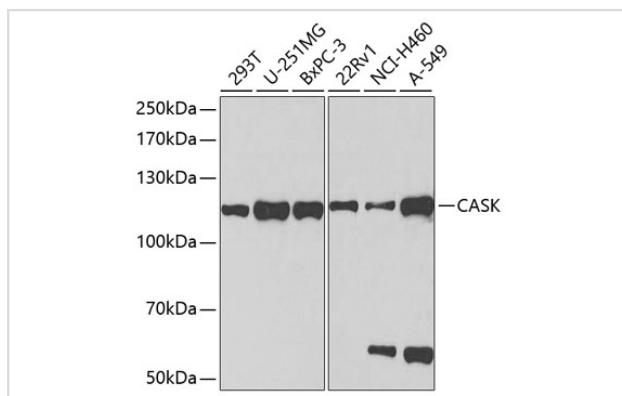
## Description

Product Name	CASK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total CASK protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CASK.
Target Name	CASK
Other Names	CMG; FGS4; LIN2; TNRC8; CAGH39
Accession No.	Swiss-Prot:O14936NCBI Gene ID:8573
Uniprot	O14936
GeneID	8573;
SDS-PAGE MW	105KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

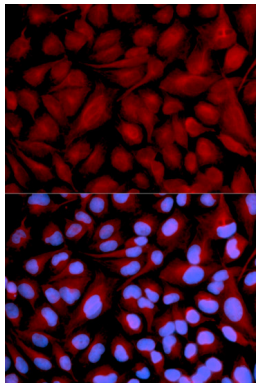
## Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using CASK at 1:1000 dilution.



Immunofluorescence analysis of U2OS cells using CASK .  
Blue: DAPI for nuclear staining.

## Background

This gene encodes a calcium/calmodulin-dependent serine protein kinase. The encoded protein is a MAGUK (membrane-associated guanylate kinase) protein family member. These proteins are scaffold proteins and the encoded protein is located at synapses in the brain. Mutations in this gene are associated with FG syndrome 4, mental retardation and microcephaly with pontine and cerebellar hypoplasia, and a form of X-linked mental retardation. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only