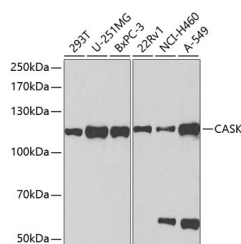


## CASK Polyclonal Antibody

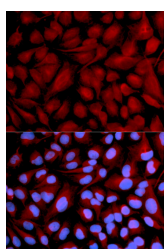
<b>Catalog No.</b>	E-AB-60698	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



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



Immunofluorescence analysis of U2OS cells using CASK Polyclonal Antibody

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human CASK (NP_001119526.1).
<b>GeneID</b>	8573
<b>Swissprot</b>	O14936
<b>Synonyms</b>	CASK,CAGH39,CAMGUK,CMG,FGS4,LIN2,MICP CH,MRXSNA,TNRC8

### Product Information

<b>Calculated MW</b>	59kDa/102kDa/103kDa/104kDa/105kDa
<b>Observed MW</b>	115kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IF 1:50-1:200

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.