

## Anti-CASK Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105034

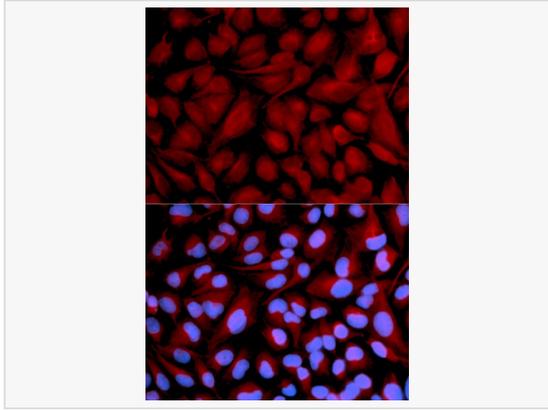
### Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2,000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human CASK (NP_001119526.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
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-CASK Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

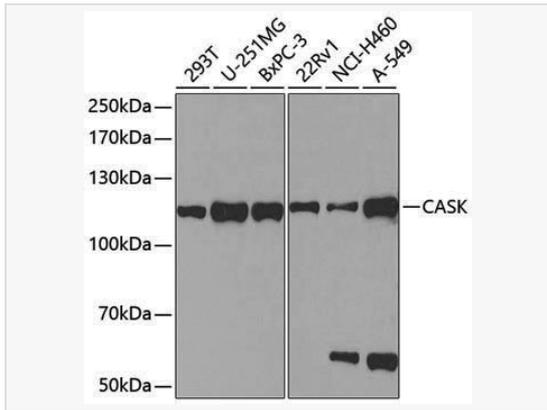
### Protein Information

Synonyms	CMG; FGS4; LIN2; TNRC8; hCASK; CAGH39; CAMGUK; MICPCH; MRXSNA; CASK.
Calculated MW	Calculated MW: 105 kDa; Observed MW: 115 kDa
Uniprot ID	O14936
Gene ID	8573
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, intellectual disability and microcephaly with pontine and cerebellar hypoplasia, and a form of X-linked intellectual disability. Multiple transcript variants encoding different isoforms have been found for this gene.

## Validation Images



Immunofluorescence analysis of U2OS cells using CASK Rabbit pAb (P105034).  
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using CASK Rabbit pAb (P105034) at 1:1,000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Kit.  
Exposure time: 90s.