

Rabbit CASK Polyclonal Antibody | anti-CASK antibody

CASK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39872	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

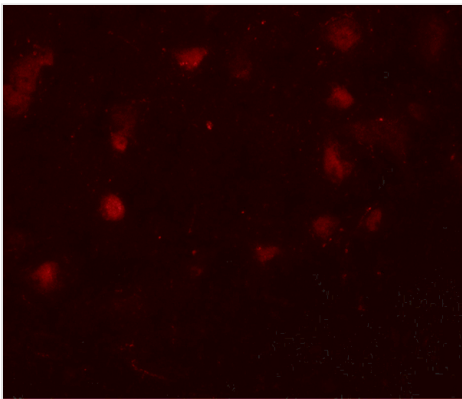
PRODUCT SYNONYMS

CASK; Polyclonal Antibody; CASK Antibody; CMG; FGS4; LIN2; TNRC8; CAGH39; CAMGUK; MICPCH; MRXSNA; Peripheral plasma membrane protein CASK; Protein lin-2 homolog; hCASK; calcium/calmodulin-dependent serine protein kinase (MAGUK family); anti-CASK antibody

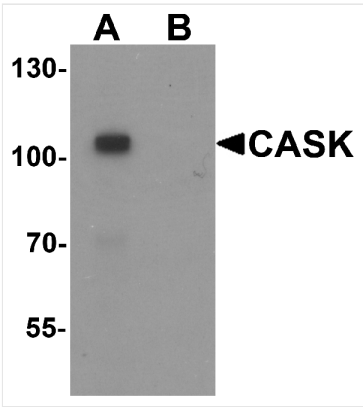
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least six alternatively spliced transcript variants have been observed.
Purity/Purification	CASK Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	921
Applicable Applications for anti-CASK antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CASK antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human CASK.
Buffer	CASK Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CASK antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of CASK in human brain tissue with CASK antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of CASK in mouse brain tissue lysate with CASK antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CASK antibody	CASK Antibody: CASK (Calcium/calmodulin-dependent serine protein kinase), a conserved multi-domain scaffolding protein, belongs to a MAGUK (membrane-associated guanylate kinase homologs) subfamily and is involved in cell junction organization, tumor suppression and signaling. It is characterized by a novel domain structure that consists of a calcium/calmodulin-dependent protein kinase domain followed by PDZ, SH3 and guanylate kinase-like (GUK) domains. CASK is ubiquitously expressed and significantly greater in brain where it is thought to be involved in signaling at neuronal synapses. CASK interacts with CASKINs and defects in CASK are the cause of mental retardation X-linked CASK-related.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186972120
NCBI GeneID	8573
NCBI Accession #	NP_003679
NCBI GenBank Nucleotide #	NM_003688.3
UniProt Accession #	O14936; O43215; Q17RI4; Q59HA0; Q5VT16; Q5VT17; Q5VT18; Q5VT19; Q66T42; Q9BYH6; A6NES1; B7ZKY0
Molecular Weight	103,211 Da
NCBI Official Full Name	peripheral plasma membrane protein CASK isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin-dependent serine protein kinase (MAGUK family)
NCBI Official Symbol	CASK
NCBI Official Synonym Symbols	CMG; FGS4; LIN2; TNRC8; CAGH39; CAMGUK; MICPCH; MRXSNA
NCBI Protein Information	peripheral plasma membrane protein CASK; hCASK; protein lin-2 homolog; trinucleotide repeat containing 8; calcium/calmodulin-dependent serine protein kinase membrane-associated guanylate kinase
UniProt Protein Name	Peripheral plasma membrane protein CASK
UniProt Gene Name	CASK
UniProt Synonym Gene Names	LIN2; hCASK
UniProt Entry Name	CSKP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

