

Rabbit CASK Polyclonal Antibody | anti-CASK antibody

CASK Antibody

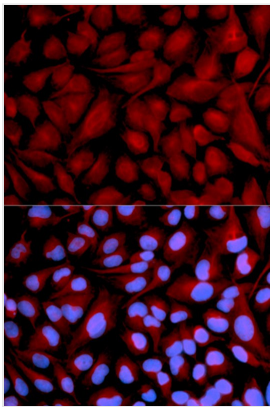
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29647	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

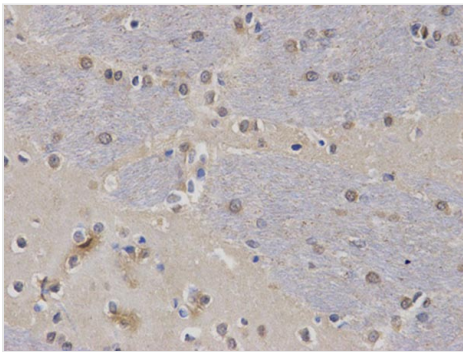
CASK; Polyclonal Antibody; CASK Antibody; CMG; FGS4; LIN2; TNRC8; CAGH39; anti-CASK antibody

PRODUCT SPECIFICATIONS

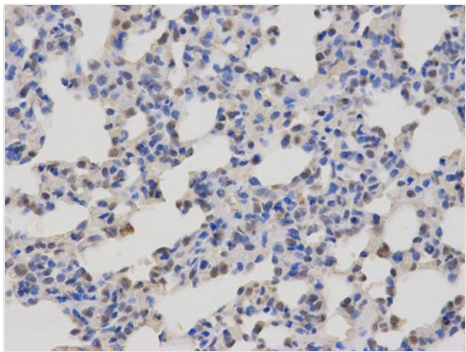
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CASK protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	898
Applicable Applications for anti-CASK antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CASK.
Target Name	CASK
Preparation and Storage	Store at -20 degree C



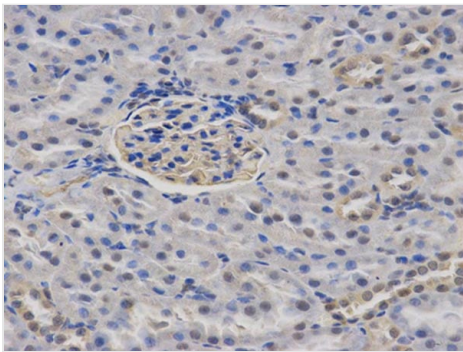
IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cell using CASK antibody. Blue: DAPI for nuclear staining.



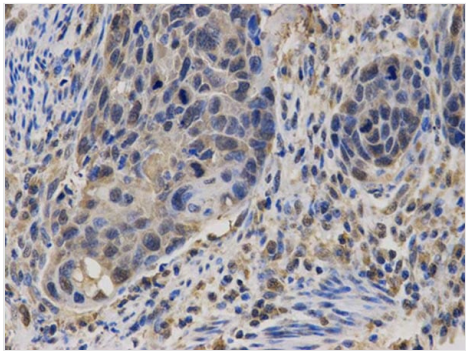
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat lung using CASK antibody at dilution of 1:100 (400x lens).



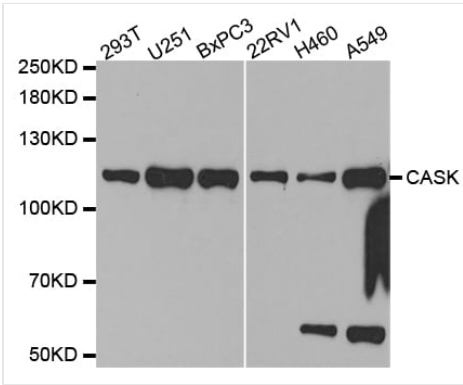
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat kidney using CASK antibody at dilution of 1:100 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat brain using CASK antibody at dilution of 1:100 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human esophageal cancer using CASK antibody at dilution of 1:100 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CASK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CASK antibody	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.
Product Categories/Family for anti-CASK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	186700627
NCBI GeneID	8573
NCBI Accession #	NP_001119526.1
NCBI GenBank Nucleotide #	NM_001126054.2
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 2
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cask-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29647>