



Anti-CASK monoclonal antibody, clone T67B-61 (DCABH-10380)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to CASK
Antigen Description	Multidomain scaffolding protein with a role in synaptic transmembrane protein anchoring and ion channel trafficking. Contributes to neural development and regulation of gene expression via interaction with the transcription factor TRB1. Binds to cell-surface proteins, including amyloid precursor protein, neuroligins and syndecans. May mediate a link between the extracellular matrix and the actin cytoskeleton via its interaction with syndecan and with the actin/spectrin-binding protein 4.1.
Immunogen	Fusion protein: NSFYGDPPEE LPDFSEDPTS SGLLAAERAV SQVLDSLEEI HALTDCSEKD LDFLHSVFQD QHLHTLLDLY DKINTKSSPQ IRNPPSDAV, corresponding to amino acids 318-415 of Rat CASK (accession number Q62915).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human, Xenopus laevis, Zebrafish
Clone	T67B-61
Conjugate	Unconjugated
Applications	WB, IP, IHC-P, IHC-Fr, Flow Cyt
Positive Control	Rat brain tissue extract.
Format	Liquid
Size	100 µg

Buffer	Preservative: 0.09% Sodium Azide; Constituents: 50% Glycerol, PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	Cask calcium/calmodulin-dependent serine protein kinase (MAGUK family) [Rattus norvegicus]
Official Symbol	CASK
Synonyms	CASK; calcium/calmodulin-dependent serine protein kinase (MAGUK family); peripheral plasma membrane protein CASK;
Entrez Gene ID	29647
Protein Refseq	NP_071520
UniProt ID	Q62915
Pathway	Cell-Cell communication, organism-specific biosystem; Nephrin interactions, organism-specific biosystem; Tight junction, organism-specific biosystem; Tight junction, conserved biosystem.
Function	ATP binding; G-protein coupled purinergic nucleotide receptor activity; G-protein coupled receptor activity; PDZ domain binding; calmodulin binding; calmodulin-dependent protein kinase activity; neurexin family protein binding; nucleotide binding; protein