

Nur für Forschungszwecke

CASK Polyklonaler Antikörper

Katalog-Nr.:55277-1-AP

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.:
55277-1-AP

Größe:
150ul , Konzentration: 600 µg/ml von
Nanodrop und 273 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_003688

GeneID (NCBI):
8573

Vollständiger Name:
calcium/calmodulin-dependent
serine protein kinase (MAGUK family)

Berechnete Masse:
105 kDa

Beobachtete Masse:
100-110 kDa, 50-55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigendemaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : Maushirngewebe, A549-Zellen,
Mauslebergewebe, Rattenhirngewebe

IHC : humanes Lebergewebe,

Hintergrundinformationen

CASK, also named as LIN2, belongs to the MAGUK family. It is a multidomain scaffolding protein with a role in synaptic transmembrane protein anchoring and ion channel trafficking. It contributes to neural development and regulation of gene expression via interaction with the transcription factor TRB1. CASK binds to cell-surface proteins, including amyloid precursor protein, neuroligins and syndecans. It 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. Defects in CASK are the cause of mental retardation X-linked CASK-related (MRXCASK) . Defects in CASK are the cause of FG syndrome type 4 (FGS4). This antibody can recognize all the isoform of CASK.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

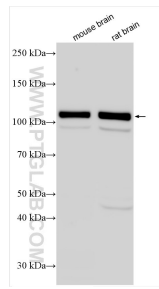
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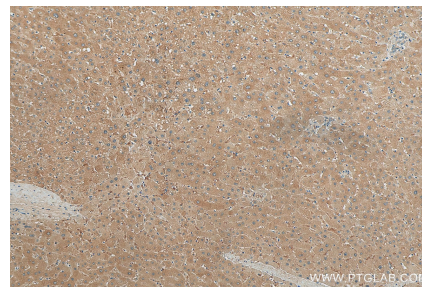
E: proteintech@ptglab.com
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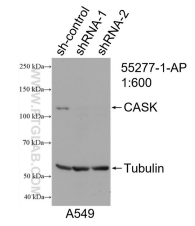
Ausgewählte Validierungsdaten



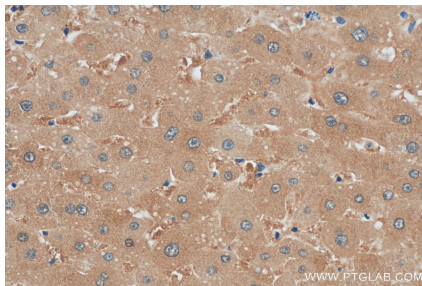
Various lysates were subjected to SDS PAGE followed by western blot with 55277-1-AP (CASK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55277-1-AP (CASK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of CASK antibody (55277-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-CASK transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55277-1-AP (CASK antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).