

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CASK



Numéro de catalogue: 55277-1-AP **Phare**

Informations de base

Numéro de catalogue: 55277-1-AP	Numéro d'acquisition GenBank: NM_003688	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 8573	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: calcium/calmodulin-dependent serine protein kinase (MAGUK family)	
Isotype: IgG	MW calculé: 105 kDa	
	MW observés: 100-110 kDa, 50-55 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de souris, cellules A549, tissu cérébral de rat, tissu hépatique de souris

IHC : tissu hépatique humain,

Informations générales

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.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azotate de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

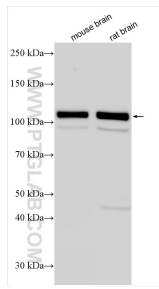
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

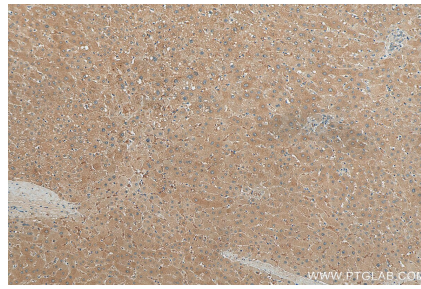
E: proteintech@ptglab.com
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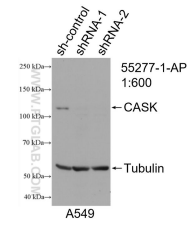
Données de validation sélectionnées



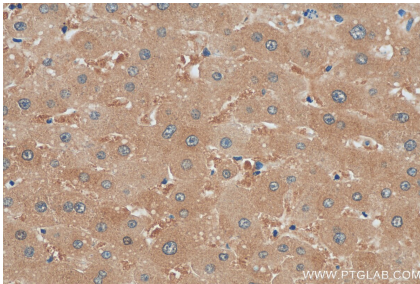
Various lysates were subjected to SDS PAGE followed by western blot with 55277-1-AP (CASK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).