

For Research Use Only

HICE1 Polyclonal antibody, PBS Only

Catalog Number:33973-1-PBS



Basic Information

Catalog Number: 33973-1-PBS	GenBank Accession Number: BC010176	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 93323	
Source: Rabbit	UNIPROT ID: Q9BT25	
Isotype: IgG	Full Name: HEC1/NDC80 interacting, centrosome associated 1	
Immunogen Catalog Number: AG40571	Calculated MW: 410 aa, 45 kDa	
	Observed MW: 38kDa, 45kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

The HICE1 protein (also known as HAUS8) is an important member of the HICE (Hippo pathway components-enriched) family. Hice1 shows distinct cytoplasmic localization and associates with interphase centrosomes and mitotic spindles, preferentially at the spindle pole vicinity. It primarily serves as a core component of the STRIPAK complex (Striatin-interacting phosphatase and kinase complex), where it inhibits the activity of the key kinases MST1/2 in the Hippo signaling pathway by regulating their dephosphorylation, thereby playing a critical role in organ size control, tissue homeostasis maintenance, and cell proliferation and apoptosis.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

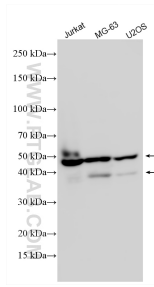
For technical support and original validation data for this product please contact:

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

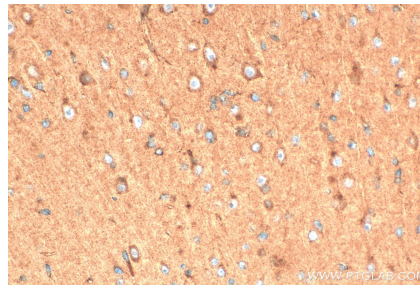
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33973-1-AP (HICE1 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33973-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 33973-1-AP (HICE1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33973-1-PBS in a different storage buffer formulation.