

For Research Use Only

HMCN2 Polyclonal antibody

Catalog Number: 32178-1-AP



Basic Information

Catalog Number: 32178-1-AP	GenBank Accession Number: XM_011518465.3	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 256158	Recommended Dilutions: WB: 1:200-1:1000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	UNIPROT ID: Q8NDA2	
Isotype: IgG	Full Name: hemicientin 2	
Immunogen Catalog Number: AG37696	Calculated MW: 542kDa 5059aa	
	Observed MW: 550 kDa	

Applications

Tested Applications: WB, IP, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, IP : SH-SY5Y cells,

Background Information

HMCN2 (Hemicientin-2) is a large extracellular matrix protein belonging to the fibronectin family. HMCN2 proteins form a complex network of microfibrils in the extracellular matrix that is essential for the maintenance of tissue structure and function. HMCN2 is expressed in epithelial cells and muscle tissues, and may play an important role in muscle-tendon attachment. HMCN2 expression and localization suggests that it has an important role in maintaining the integrity of skin and muscle tissue. It may maintain tissue structure and function by interacting with other extracellular matrix proteins, such as fibronectin and elastic fibers.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

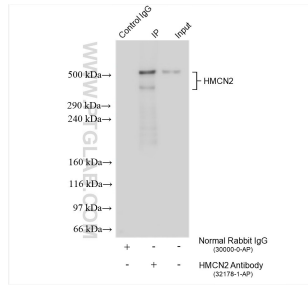
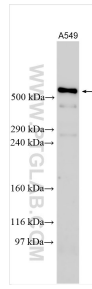
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Selected Validation Data



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 32178-1-AP (HMCN2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.

IP result of anti-HMCN2 (IP:32178-1-AP, 4ug; Detection:32178-1-AP 1:600) with SH-SY5Y cells lysate 1720 ug.