

For Research Use Only

HMCN2 Polyclonal antibody, PBS Only

Catalog Number: 32178-1-PBS



Basic Information

Catalog Number: 32178-1-PBS	GenBank Accession Number: XM_011518465.3	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 256158	
Isotype: IgG	UNIPROT ID: Q8NDA2	
Immunogen Catalog Number: AG37696	Full Name: hemicentin 2	
	Calculated MW: 542kDa, 5059aa	
	Observed MW: 550 kDa	

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
human

Background Information

HMCN2 (Hemicentin-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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

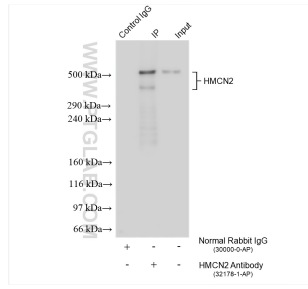
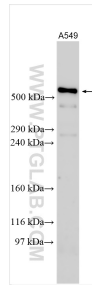
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 32178-1-PBS in a different storage buffer formulation.

IP result of anti-HMCN2 (IP:32178-1-AP, 4ug; Detection:32178-1-AP 1:600) with SH-SY5Y cells lysate 1720 ug. This data was developed using the same antibody clone with 32178-1-PBS in a different storage buffer formulation.