

For Research Use Only

# HMCN1 Polyclonal antibody, PBS Only

Catalog Number:18837-1-PBS



## Basic Information

Catalog Number:

18837-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_031935

GeneID (NCBI):

83872

UNIPROT ID:

Q96RW7

Full Name:

hemicentin 1

Calculated MW:

613 kDa, 600 kDa, 60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Hemicentin-1 (HMCN1), also known as fibulin-6 (FIBL-6), is an extracellular protein of the immunoglobulin superfamily. HMCN1 consists of a von Willebrand A domain, tandem immunoglobulin modules, tandem EGF modules, and a fibulin carboxy-terminal module (PMID: 24912920). Mutations of HMCN1 gene may be associated with age-related macular degeneration. Three alternative transcripts encoding different HMCN1 isoforms have been described. This antibody raised against a synthesized peptide corresponding to 960-976 amino acids of human HMCN1 can recognize all three isoforms of HMCN1.

## 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:

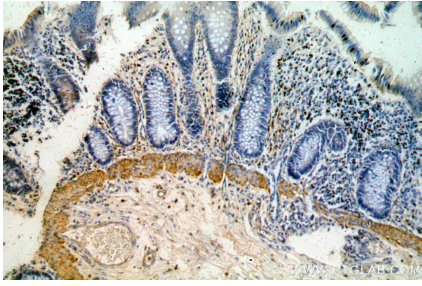
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

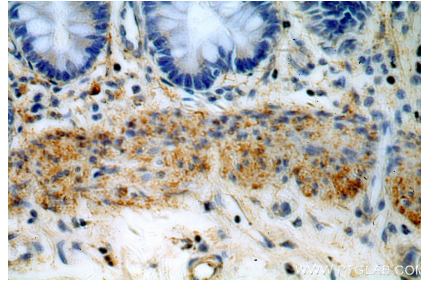
W: [ptgcn.com](http://ptgcn.com)

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

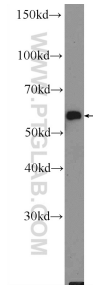
## Selected Validation Data



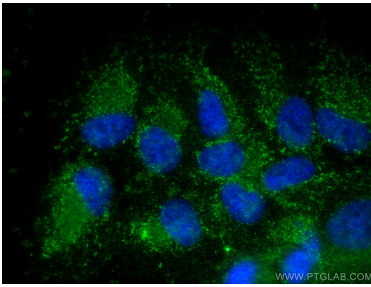
Immunohistochemical analysis of paraffin-embedded human colon using 18837-1-AP (HMCN1 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 18837-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon using 18837-1-AP (HMCN1 antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 18837-1-PBS in a different storage buffer formulation.



mouse skin tissue were subjected to SDS PAGE followed by western blot with 18837-1-AP (HMCN1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18837-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using HMCN1 antibody (18837-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 18837-1-PBS in a different storage buffer formulation.