

For Research Use Only

HOOK2 Polyclonal antibody

Catalog Number: 32110-1-AP



Basic Information

Catalog Number:

32110-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37279

GenBank Accession Number:

NM_013312

GeneID (NCBI):

29911

UNIPROT ID:

Q96ED9

Full Name:

hook homolog 2 (Drosophila)

Calculated MW:

83 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HCT 116 cells, HEK-293 cells, HepG2 cells, SH-SY5Y cells

Background Information

HOOK2 (hook microtubule-tethering protein 2) is a microtubule-binding protein belonging to the Hook family of proteins. Hook2 normally functions by attaching microtubules to subcellular structures and is involved in a variety of cellular processes, including endosomal/lysosomal processing, Golgi and centrosomal organization, and functional maintenance. Hook2 is required for the assembly of the dynamin-dynamic actin complex and also plays an important role in regulating PAR6a recruitment to centrosomes to bridge microtubules and the aPKC/PAR complex. Therefore, it may be relevant to cell migration, organelle organization, and signaling-related diseases.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

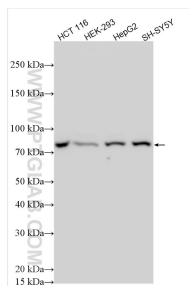
For technical support and original validation data for this product please contact:

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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 SDS PAGE followed by western blot with 32110-1-AP (HOOK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.