

For Research Use Only

HOOK2 Polyclonal antibody

Catalog Number:32110-1-AP



Basic Information

Catalog Number:

32110-1-AP

Size:

500 ug/ml

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 PAR6 α 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

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

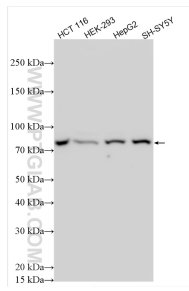
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Selected Validation Data



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.