

AHL1 Polyclonal antibody

Catalog Number: 22045-1-AP

Featured Product

5 Publications

Basic Information

Catalog Number:

22045-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16885

GenBank Accession Number:

BC094800

GeneID (NCBI):

54806

UNIPROT ID:

Q8N157

Full Name:

Abelson helper integration site 1

Calculated MW:

1196 aa, 137 kDa

Observed MW:

137-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cell

Background Information

AHL1, encoding the Jouberin protein, is an alternatively spliced signaling molecule that contains seven Trp-Asp (WD) repeats, an SH3 domain, and numerous SH3-binding sites. AHL1 is expressed strongly in embryonic hindbrain and forebrain. AHL1 is involved in vesicle trafficking and is required for ciliogenesis, formation of primary non-motile cilium, and recruitment of RAB8A to the basal body of primary cilium. AHL1, as a positive modulator of classical Wnt signaling, may play a key role in ciliary signaling during cerebellar embryonic development (PMID: 15467982, PMID: 21623382).

Notable Publications

Author	Pubmed ID	Journal	Application
Elisa Molinari	31346239	Sci Rep	IF
Yin Loon Lee	25103236	Mol Biol Cell	IF, WB
Sarah E Conduit	33996795	Front Cell Dev Biol	IF

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

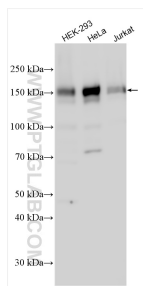
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22045-1-AP (AHI1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.