

For Research Use Only

LCA5 Polyclonal antibody

Catalog Number: 19333-1-AP

8 Publications



Basic Information

Catalog Number:

19333-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5140

GenBank Accession Number:

BC050327

GeneID (NCBI):

167691

UNIPROT ID:

Q86VQ0

Full Name:

Leber congenital amaurosis 5

Calculated MW:

693 aa, 80 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

human

Cited Species:

human, mouse, pig

Positive Controls:

WB : HeLa cells,

Background Information

LCA5 (Leber congenital amaurosis 5), also named as C6orf152 or Lebercilin, is a 697 amino acids protein. LCA5 is widely expressed at the microtubules, centrosome, and primary cilia. Recent study showed that LCA5 was involved in the cause of congenital and early-onset retinal dystrophies (PMID: 24144451). The MW of this protein is 80 kDa, and this antibody specially recognises the 80 kDa protein.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------------|-----------|---------------|-------------|
| Tamás Szaniszló | 36114230 | Sci Rep | WB,IF,CoIP |
| Marcus Karlstetter | 24833722 | Hum Mol Genet | IF |
| Ji Yun Song | 29673930 | Mol Ther | |

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

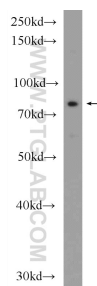
For technical support and original validation data for this product please contact:

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 19333-1-AP (LCA5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.