

LCA5 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI13550

Product Information

Application WB
Primary Accession Q86VQ0

Other Accession <u>NM 181714, NP 859065</u>

Reactivity Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine

Predicted Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 80554

Additional Information

Gene ID 167691

Alias Symbol C6orf152

Other Names Lebercilin, Leber congenital amaurosis 5 protein, LCA5, C6orf152

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-LCA5 antibody concentration is 1 mg/ml

in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C.

Avoid repeat freeze-thaw cycles.

Precautions LCA5 antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name LCA5

Synonyms C6orf152

Function Involved in intraflagellar protein (IFT) transport in photoreceptor cilia.

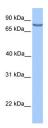
Cellular Location Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, cilium axoneme.

Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cell projection, cilium. Note=In non- ciliated cells, localizes to the centrosome and its associated microtubule array (PubMed:17546029). Colocalizes with IFT complex A and B proteins in the connecting cilium in primary cilia of hTERT-RPE1 cells (PubMed:21606596).

References

Mungall A.J.,et al.Nature 425:805-811(2003). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Gerber S.,et al.Hum. Mutat. 28:1245-1245(2007). den Hollander A.I.,et al.Nat. Genet. 39:889-895(2007). Ramprasad V.L.,et al.Mol. Vis. 14:481-486(2008).

Images



WB Suggested Anti-LCA5 Antibody Titration: 0.2-1 μ g/ml Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.