

LCA5 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13550

Product Information

Application	WB
Primary Accession	Q86VQ0
Other Accession	NM_181714 , NP_859065
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. Plays a role in the ciliary transport of photoreceptors outer segment proteins.
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).

Tissue Location

Widely expressed..

References

Mungall A.J.,et al.Nature 425:805-811(2003).

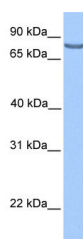
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

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 µg/ml
Positive Control: HepG2 cell lysate

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