

LCA5/Lebercilin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59448

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q86VQ0
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80554

Additional Information

Gene ID	167691
Other Names	Lebercilin, Leber congenital amaurosis 5 protein, LCA5, C6orf152
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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..

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