

Datasheet for ABIN2785382 anti-LCA5 antibody (N-Term)



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1 Image

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Overview

Quantity:	100 µL
Target:	LCA5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCA5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LCA5
Sequence:	FSLQKLKEIS EARHLPERDD LAKKLVSAL KLDDTERRIK ELSKNLELST
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against LCA5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LCA5
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Target Details

Alternative Name:	LCA5 (LCA5 Products)
Background:	<p>LCA5 is a protein that is thought to be involved in centrosomal or ciliary functions. Mutations in this gene cause Leber congenital amaurosis type V. This gene encodes a protein that is thought to be involved in centrosomal or ciliary functions. Mutations in this gene cause Leber congenital amaurosis type V. Alternative splicing results in two transcript variants.</p> <p>Alias Symbols: C6orf152</p> <p>Protein Interaction Partner: TXLNA, RCOR3, SRPK2,</p> <p>Protein Size: 697</p>
Molecular Weight:	80 kDa
Gene ID:	167691
NCBI Accession:	NM_181714 , NP_859065
UniProt:	Q86VQ0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 697 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ueda, Nagae, Kozawa, Morishita, Kimura, Nagase, Ohara, Yoshida, Asano: "Heterotrimeric G protein betagamma subunits stimulate FLJ00018, a guanine nucleotide exchange factor for Rac1 and Cdc42." in: **The Journal of biological chemistry**, Vol. 283, Issue 4, pp. 1946-53, (2008) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-LCA5 Antibody Titration: 0.2-1 ug/ml

Positive Control: HepG2 cell lysate