

Rabbit anti-Human AIPL1 Polyclonal Antibody | anti-AIPL1 antibody

AIPL1 Antibody - C-terminal region

CATALOG # AAA201483	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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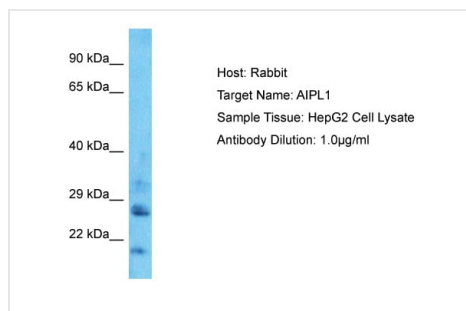
PRODUCT SYNONYMS

AIPL1; Polyclonal Antibody; AIPL1 Antibody - C-terminal region; anti-AIPL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: DL DELQKEPQPL VFVIELLQVD APSDYQRETW NLSNHEKMKA VPVLHGEG
Sequence Length	270
Applicable Applications for anti-AIPL1 antibody	WB (Western Blot)
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Horse, Pig, Rabbit
Homology	Cow: 79%; Horse: 86%; Human: 100%; Mouse: 77%; Pig: 86%; Rabbit: 79%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human AIPL1
Protein Size	270 amino acids
Preparation and Storage	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.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: AIPL1 Sample Tissue: Human HepG2 Whole Cell Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-AIPL1 antibody	Target Description: Leber congenital amaurosis (LCA) is the most severe inherited retinopathy with the earliest age of onset and accounts for at least 5% of all inherited retinal diseases. Affected individuals are identified at birth or in the first few months of life with nystagmus, severely impaired vision or blindness and an abnormal or flat electroretinogram. The photoreceptor/pineal-expressed gene, AIPL1, encoding aryl-hydrocarbon interacting protein-like 1, is located within the LCA4 candidate region. The encoded protein contains three tetratricopeptide motifs, consistent with chaperone or nuclear transport activity. Mutations in this gene may cause approximately 20% of recessive LCA. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-AIPL1 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GeneID	23746
NCBI Accession #	NP_001272332.1
NCBI GenBank Nucleotide #	NM_001285403.2
UniProt Accession #	F1T0C4; Q9NZN9
Molecular Weight	29kDa
NCBI Official Full Name	Protein
NCBI Official Synonym Full Names	aryl hydrocarbon receptor interacting protein like 1
NCBI Official Symbol	AIPL1
NCBI Official Synonym Symbols	LCA4; AIPL2
NCBI Protein Information	aryl-hydrocarbon-interacting protein-like 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aipl1-antibody-western-blot-elisa/201483>