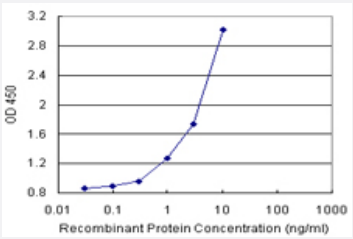
AIPL1 (Human) Matched Antibody Pair

Catalog # H00023746-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human AIPL1.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Standard curve using recombinant protein (H00023746-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 0.3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-AIPL1 (100 ug) 2. Detection antibody: mouse monoclonal anti-AIPL1, IgG2a Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

  Protocol Download

Gene Info — AIPL1

Entrez GeneID	23746
Gene Name	AIPL1
Gene Alias	AIPL2, LCA4
Gene Description	aryl hydrocarbon receptor interacting protein-like 1
Omim ID	604392 604393
Gene Ontology	Hyperlink
Gene Summary	Leber congenital amaurosis (LCA) accounts for at least 5% of all inherited retinal disease and is t he most severe inherited retinopathy with the earliest age of onset. Individuals affected with LCA are diagnosed at birth or in the first few months of life with severely impaired vision or blindness, n ystagmus and an abnormal or flat electroretinogram. The photoreceptor/pineal -expressed gene, AIPL1, encoding aryl-hydrocarbon interacting protein-like 1, was mapped within the LCA4 candid ate region. The protein contains three tetratricopeptide motifs, consistent with nuclear transport or chaperone activity. AIPL1 mutations may cause approximately 20% of recessive LCA. [provided by RefSeq
Other Designations	-

Disease

- Blindness
- Cataract
- Optic Atrophy
- Retinal Degeneration
- Retinal Diseases