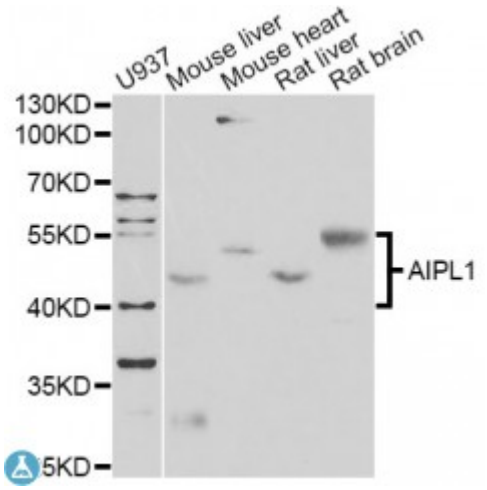
Anti-AIPL1 Antibody



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 diagnosed 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.

Model	STJ116048
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-384 of human AIPL1 (NP_055151.3).
Gene ID	23746
Gene Symbol	AIPL1
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Highly expressed in retina, Specifically localized to the developing photoreceptor layer and within the photoreceptors of the adult retina

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Aryl-hydrocarbon-interacting protein-like 1
Molecular Weight	43.903 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:359OMIM:604392
Alternative Names	Aryl-hydrocarbon-interacting protein-like 1
Function	May be important in protein trafficking and/or protein folding and stabilization
Cellular Localization	Cytoplasm

St John's Laboratory Ltd
F +44 (0)207 681 2580
T +44 (0)208 223 3081
W http://www.stjohnslabs.com/
E info@stjohnslabs.com