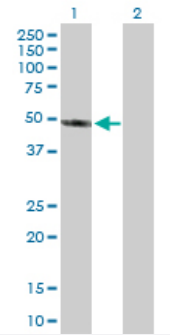
MaxPab®

AIPL1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00023746-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AIPL1 expression in transfected 293T cell line (H00023746-T01) by AIPL1 MaxPab polyclonal antibody.

Lane 1: AIPL1 transfected lysate(43.90 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AIPL1 protein.
Immunogen	AIPL1 (NP_055151.3, 1 a.a. ~ 384 a.a) full-length human protein.
Sequence	MDAALLLNVEGVKKTILHGGTGELPNFITGSRVIFHFRTMKCDEERTVIDDSRQVGQPMHIIIGNMFK LEVWEILLTSMRVHEVAEFWCDTIHTGVYPILSRSLRQMAQGKDPTEWHVHTCGLANMFAYHTLG YEDLDELQKEPQPLVFVIELLQVDAPSDYQRETWNLSNHEKMKAVPVLHGEGNRLFKLGRYEEA SSKYQEAIICLRNLQTKEKPWEVQWLKLEKMINTLILNYCQCLLKKEEYYEVLEHTSDILRHHPGIVK AYYVRARAHAEVWNEAEAKADLQKVLELEPSMQKAVRRELRLLENRMAEKQEEERLRCRNMLS QGATQPPAEPPTEPPAQSSTEPPAEPPTAPSAELSAGPPAEPATEPPPSPGHSLQH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — AIPL1

Entrez GeneID	23746
GeneBank Accession#	NM_014336.3
Protein Accession#	NP_055151.3
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