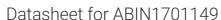
# antibodies -online.com





## anti-AIPL1 antibody (AA 165-260) (Biotin)



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|-----|--------|------|----|-----|
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|     |        |      |    |     |

| Quantity:            | 100 μL                                                                                                                 |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Target:              | AIPL1                                                                                                                  |
| Binding Specificity: | AA 165-260                                                                                                             |
| Reactivity:          | Human                                                                                                                  |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This AIPL1 antibody is conjugated to Biotin                                                                            |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

#### **Product Details**

| Immunogen:            | KLH conjugated synthetic peptide derived from human AIPL1 |
|-----------------------|-----------------------------------------------------------|
| Isotype:              | IgG                                                       |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Rabbit                  |
| Purification:         | Purified by Protein A.                                    |

### **Target Details**

| Target:           | AIPL1                                                                                    |
|-------------------|------------------------------------------------------------------------------------------|
| Alternative Name: | AIPL1 (AIPL1 Products)                                                                   |
| Background:       | Synonyms: A930007I01Rik, Aipl1, AIPL1_HUMAN, AIPL2, Aryl hydrocarbon interacting protein |

like 1, Aryl hydrocarbon receptor interacting protein like 1, Aryl-hydrocarbon-interacting protein-like 1, LCA4, MGC25485, OTTHUMP00000128207, OTTMUSP00000006382, RP23-401C17.1. Background: The inherited blindness associated protein, aryl hydrocarbon receptor interacting protein-like 1 (AIPL1), interacts with the cell cycle regulator protein NUB1. AIPL1 is crucial for protein folding and stabilization, as well as for protein trafficking. It localizes to the nucleus or cytoplasm and is highly expressed in the pineal gland and the retina. In the retina, AIPL1 is expressed in both developing cone and rod photoreceptors, but it is restricted to rod photoreceptors in the adult human retina. Defects in the gene encoding for AIPL1 can cause Leber congenital amaurosis type IV, an early-onset, inherited autosomal recessive disorder that results in childhood blindness.

Gene ID:

23746

IHC-F 1:100-500

#### **Application Details**

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

#### Handling

| Format:            | Liquid                                                                                                             |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 1 μg/μL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.         |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C for 12 months.                                                                                      |
| Expiry Date:       | 12 months                                                                                                          |