

A16387

Leader in Biomolecular Solutions for Life Science



IMPG1 Rabbit pAb

Catalog No.: A16387

Basic Information

Observed MW

80kDa

Calculated MW

89kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Rat

Background

This gene encodes a protein that is a major component of the retinal interphotoreceptor matrix. The encoded protein is a proteoglycan that is thought to play a role in maintaining viability of photoreceptor cells and in adhesion of the neural retina to the retinal pigment epithelium. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3617

Swiss Prot

Q17R60

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

RP91; VMD4; GP147; SPACR; IPM150; IMPG1

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

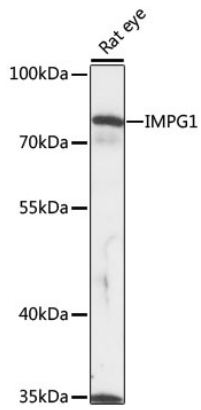
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from rat eye, using IMPG1 Rabbit pAb (A16387) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.