

GPATCH3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9498c**Specification**

GPATCH3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96I76](#)**GPATCH3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 63906**Other Names**

G patch domain-containing protein 3, GPATCH3, GPATC3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GPATCH3 Antibody (Center) Blocking Peptide - Protein Information**Name** GPATCH3**Synonyms** GPATC3**Function**

Involved in transcriptional regulation. It is able to activate transcription from the CXCR4 promoter and therefore it might control neural crest cell migration involved in ocular and craniofacial development (PubMed:28397860). Is a negative regulator of immune antiviral response, acting via down-regulation of RIG-I-like receptors signaling and inhibition of type I interferon production. The control mechanism involves interaction with mitochondrial MAVS and inhibition of MAVS assembly with downstream proteins implicated in antiviral response, such as TBK1 and TRAF6 (PubMed:28414768).

Cellular Location

Nucleus. Cytoplasm

Tissue Location

Expressed in ocular tissues including retinal pigment epithelium, cornea, ciliary muscle and non-pigmented ciliary epithelium. Also expressed in optic nerve, cartilage, skin and lymph node.

GPATCH3 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GPATCH3 Antibody (Center) Blocking Peptide - Images**GPATCH3 Antibody (Center) Blocking Peptide - References**

Gregory, S.G., et al. Nature 441(7091):315-321(2006)