

## **GPATCH3 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55185

## **Specification**

# **GPATCH3 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession Q96176

Reactivity Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 59 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human GPATCH3

Epitope Specificity 331-430/525

Isotype Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.
SIMILARITY Contains 1 G-patch domain.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

# **GPATCH3 Polyclonal Antibody - Additional Information**

### **Gene ID** 63906

## **Other Names**

G patch domain-containing protein 3, GPATCH3, GPATC3

#### Dilution

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \> <span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \> <span class
="dilution\_IF">IF~~1:50~200</span><br \> <span class ="dilution\_ICC">ICC~~N/A</span><br \> <span class ="dilution\_E">E~~N/A</span>

## **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

# **GPATCH3 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/28397860" target="\_blank">28397860</a>). 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:<a href="http://www.uniprot.org/citations/28414768" target=" blank">28414768</a>).

**Cellular Location** Nucleus. Cytoplasm

### **Tissue Location**

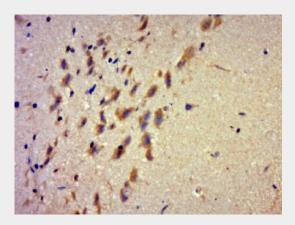
Expressed in ocular tissues including retinal pigment epithelium, cornea, ciliary muscle and non-pigmented ciliary epithelium. Also expressed in optic nerve, cartilage, skin and lymph node.

## **GPATCH3 Polyclonal Antibody - Protocols**

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

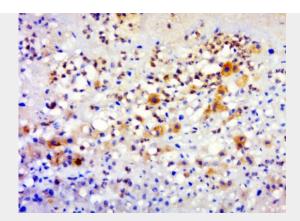
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **GPATCH3 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GPATCH3) Polyclonal Antibody, Unconjugated (bs-13500R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.





Paraformaldehyde-fixed, paraffin embedded (Human hepatocellular carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GPATCH3) Polyclonal Antibody, Unconjugated (bs-13500R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.