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GPATCH3 Rabbit pAb

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Catalog # AP55185

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96I76
Reactivity	Rat, Human
Predicted	Pig, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59338
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPATCH3
Epitope Specificity	331-430/525
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	63906
Other Names	G patch domain-containing protein 3, GPATCH3, GPATC3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

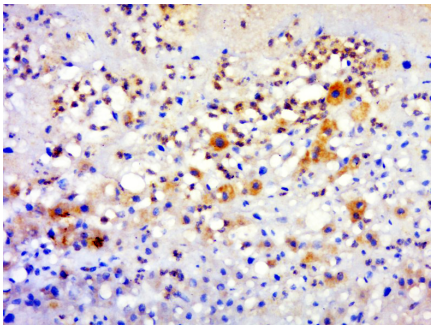
Name	GPATCH3
Synonyms	GPATC3
Function	Involved in transcriptional regulation. It is able to activate transcription from the CXCR4 promoter and therefore it might control neural crest cell migration involved in ocular and craniofacial development (PubMed:28397860). Is a negative regulator of immune antiviral 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.

Background

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Images



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 (AP55185) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.