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EPG5 Polyclonal Antibody

Catalog # AP74180

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	Q9HCE0
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	292481

Additional Information

Gene ID	57724
Other Names	Ectopic P granules protein 5 homolog
Dilution	WB~~1:1000 IHC-P~~IHC-p 1:50-200, ELISA 1:10000-20000 IF~~1:50~200 ICC~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

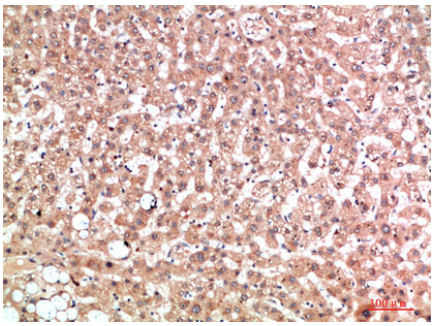
Protein Information

Name	EPG5 {ECO:0000303|PubMed:29130391, ECO:0000312|HGNC:HGNC:29331}
Function	Involved in autophagy. May play a role in a late step of autophagy, such as clearance of autophagosomal cargo. Plays a key role in innate and adaptive immune response triggered by unmethylated cytidine-phosphate-guanosine (CpG) dinucleotides from pathogens, and mediated by the nucleotide-sensing receptor TLR9. It is necessary for the translocation of CpG dinucleotides from early endosomes to late endosomes and lysosomes, where TLR9 is located (PubMed:29130391).
Cellular Location	Cytoplasm, perinuclear region. Lysosome

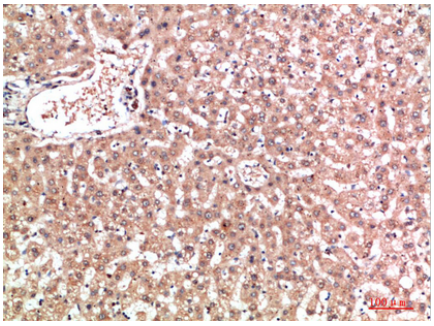
Background

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Images



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



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