

EPG5 Polyclonal Antibody

Catalog # AP63517

Product Information

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

Additional Information

Gene ID	57724
Other Names	EPG5; KIAA1632; Ectopic P granules protein 5 homolog
Dilution	WB~~WB: 1:1000-2000 IHC: 1:200-500 IHC-P~~WB: 1:1000-2000 IHC: 1:200-500
Format	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
Storage Conditions	-20°C

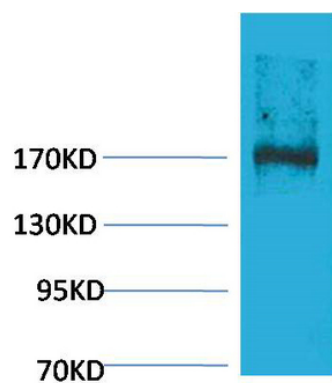
Protein Information

Name	EPG5
Synonyms	KIAA1632
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

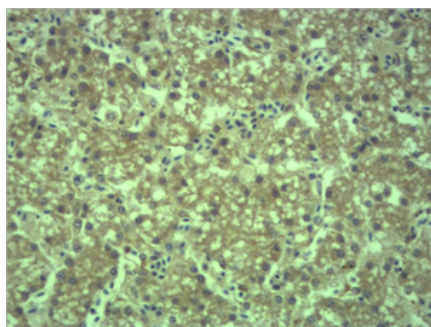
Background

Involved in autophagy. May play a role in a late step of autophagy, such as clearance of autophagosomal cargo.

Images



Western blot analysis of Rat Liver Tissue using EPG5 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Mouse Liver Tissue using EPG5 Polyclonal Antibody.

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