

# EPG5 Polyclonal Antibody

Catalog # AP63517

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC-P              |
| <b>Primary Accession</b> | <a href="#">Q9HCE0</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 292481                 |

## Additional Information

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

## Protein Information

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|--------------------------|---|
| <b>Name</b>              | EPG5  |
| <b>Synonyms</b>          | KIAA1632  |
| <b>Function</b>          | 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: <a href="#">29130391</a> ). |
| <b>Cellular Location</b> | Cytoplasm, perinuclear region. Lysosome   |

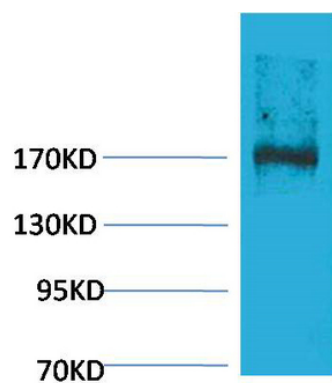
## Background

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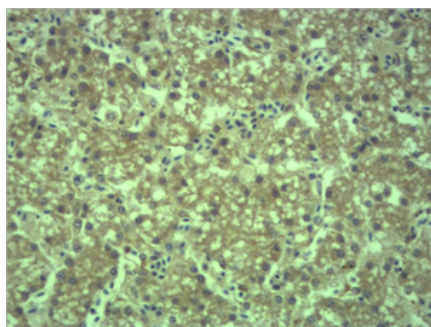
Involved in autophagy. May play a role in a late step of autophagy, such as clearance of autophagosomal cargo.

## Images

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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'.