

**ATG13 Rabbit mAb**  
Catalog # AP74851**Specification**

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**ATG13 Rabbit mAb - Product Information**

Application	<b>WB, IP</b>
Primary Accession	<a href="#">O75143</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>56572</b>

**ATG13 Rabbit mAb - Additional Information****Gene ID** 9776**Other Names**

ATG13

**Dilution**

WB~~1/500-1/1000

IP~~1/20

**Format**

Liquid

**ATG13 Rabbit mAb - Protein Information****Name** ATG13**Synonyms** KIAA0652**Function**

Autophagy factor required for autophagosome formation and mitophagy. Target of the TOR kinase signaling pathway that regulates autophagy through the control of the phosphorylation status of ATG13 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex. Through its regulation of ULK1 activity, plays a role in the regulation of the kinase activity of mTORC1 and cell proliferation.

**Cellular Location**

Cytoplasm, cytosol. Preautophagosomal structure. Note=Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane; the isolation membrane sequesters a portion of the cytoplasm resulting in autophagosome formation

**ATG13 Rabbit mAb - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### ATG13 Rabbit mAb - Images

