

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ATG7 RABBIT PAB

Cat.#: N225681

Product Name: Anti-ATG7 Rabbit pAb

Synonyms: hAGP7; Ubiquitin-activating enzyme E1-like protein; APG7L

UNIPROT ID: 095352

Background: The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atgl2 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.

Immunogen: A synthesized peptide derived from human ATG7

Applications: WB,IHC-P,ICC/IF,IP,FC

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP:

1/20 FC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 78 kDa; Observed MW: 78 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

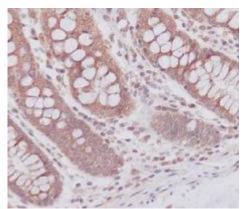
Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

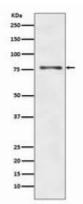


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Immunohistochemistry analysis of paraffin-embedded Human colon using ATG7 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of ATG7 in HepG2 lysates using ATG7 antibody.