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ATG5 Polyclonal Antibody

Cat #: G-AB-00724

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
Autophagy protein 5is aproteinthat in humans is encoded by theATG5gene. It is an E3 ubiquitin ligase which is necessary for autophagy due to its role in autophagosome elongation. It is activated by ATG7 and forms a complex with ATG12 and ATG16L1. This complex is necessary for LC3-1 conjugation to PE to form LC3-II.

Gene ID:

Accession #: BC002699

Immunogen: Recombinant protein of human ATG5

Conjugation: Unconjugated

Swissprot: Q9H1Y0

Calculated Molecular Weight: 32 kDa

Observed Molecular Weight:

Concentration: 0.4 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.