

## Anti-APG5L Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M013293

### Product Information

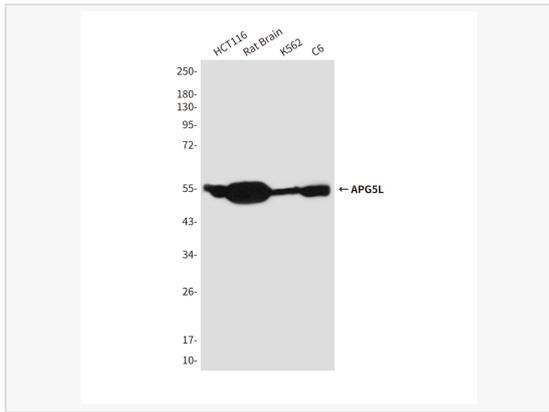
Application	WB, ELISA
Reactivity	Human, Mouse (Cell), Rat
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	48K51M80
Isotype	IgG1
Label	Unconjugated
Immunogen	Synthetic peptide.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-APG5L antibody [48K51M80] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

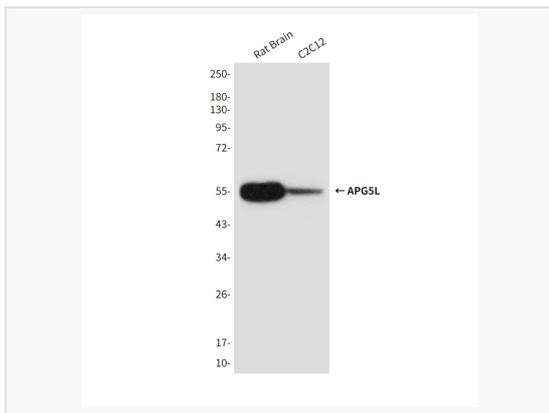
Synonyms	APG 5L, APG5, APG5 autophagy 5 like, APG5 like, APG5-like, Apoptosis specific protein, ASP, ATG 5, ATG5 autophagy related 5 homolog, Autophagy protein 5, hAPG5.
Calculated MW	Calculated MW: 32 kDa; Observed MW: 55 kDa
Uniprot ID	Q9HIY0
Gene ID	9474
Background	Required for autophagy. Conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. Involved in mitochondrial quality control after oxidative damage, and in subsequent cellular longevity.

## Validation Images

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Western blot analysis of Atg5 in HCT116, rat Brain, K562 and C6 lysates using Atg5 antibody [48K51M80].



Western blot analysis of APG5L in rat Brain and C2C12 lysates using Atg5 antibody [48K51M80].