



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08862 - Goat Anti-ATG5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ATG5, ATG5 autophagy related 5 homolog (*S. cerevisiae*), APG5, APG5L, ASP, hAPG5, APG5 (autophagy 5, *S. cerevisiae*)-like, APG5 autophagy 5-like, ATG5 autophagy related 5-like, OTTHUMP00000040507, apoptosis specific protein

**Official Symbol:** ATG5

**Accession Number(s):** NP\_004840.1; NP\_001273036.1; NP\_001273037.1

**Human GeneID(s):** [9474](#)

**Non-Human GeneID(s):** 11793 (mouse)

### Immunogen

Peptide with sequence C-SQVINEMQKKDHKQ, from the internal region of the protein sequence according to NP\_004840.1; NP\_001273036.1; NP\_001273037.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Preliminary testing showed a band at approx. 28-30kDa in lysate of cell line MDA-MB-231, after 1µg/ml antibody staining (calculated Mwt. Of 32.4 kDa according to NP\_004840.1). Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Cow