

## 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

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

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

### Immunogen

Peptide with sequence C-SQVINEMQKKDHLKQ, from the internal region of the protein sequence according to NP\_004840.1.

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 experiments gave an approx. 38 kDa band in NIH3T3 lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 32.4 kDa according to NP\_004840.1. The 38 kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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