



## International Office

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

## EB08867 - Goat Anti-ATG4A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ATG4A, ATG4 autophagy related 4 homolog A (S. cerevisiae), APG4A, AUTL2, APG4 autophagy 4 homolog A, AUT-like 2, cysteine endopeptidase, OTTHUMP00000062893, autophagin 2, autophagy-related cysteine endopeptidase 2

**Official Symbol:** ATG4A

**Accession Number(s):** NP\_443168.2; NP\_840054.1

**Human GeneID(s):** [115201](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_443168.2; NP\_840054.1)

### Immunogen

Peptide with sequence TEENGTVNDQTFHC, from the internal region of the protein sequence according to NP\_443168.2; NP\_840054.1.

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

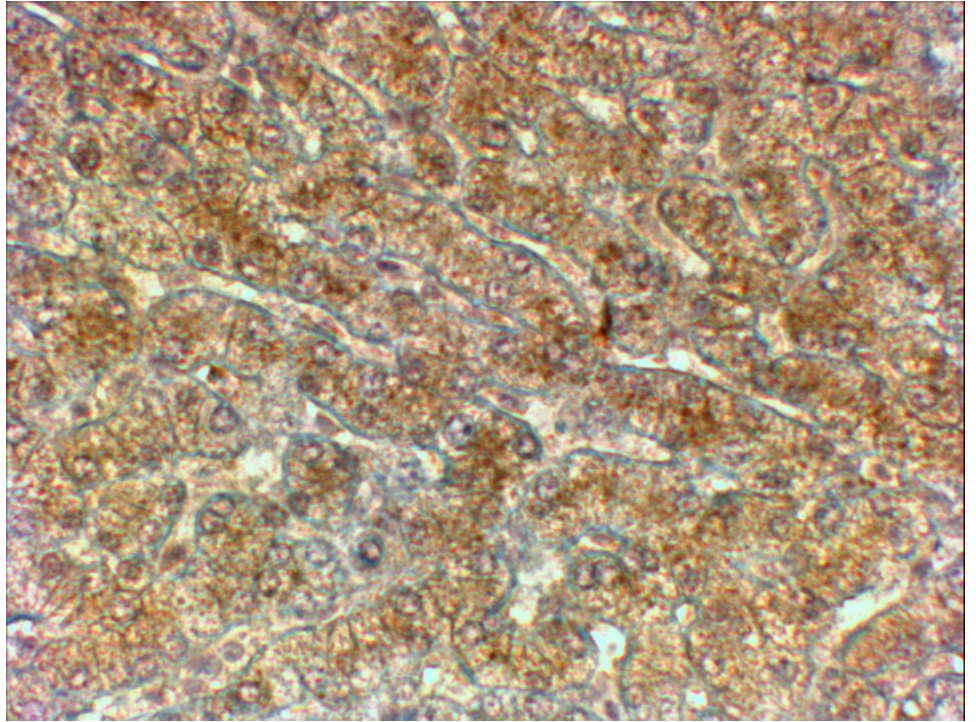
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**IHC:** In paraffin embedded Human Liver shows textured cytoplasm staining in the hepatocytes. Recommended concentration, 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08867 (2 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.