

## UK Office

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

## EB08896 - Goat Anti-FURIN / PCSK3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FURIN, furin (paired basic amino acid cleaving enzyme), FUR, PACE, PCSK3, SPC1, FES upstream region, dibasic processing enzyme, furin, furin, membrane associated receptor protein, paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein), proprotein convertase subtilisin/kexin type 3

**Official Symbol:** FURIN

**Accession Number(s):** NP\_002560.1

**Human GeneID(s):** [5045](#)

### Immunogen

Peptide with sequence C-RTKRDVYQEPTDP, from the internal region of the protein sequence according to NP\_002560.1.

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 1:32000.

**Immunofluorescence:** Strong expression of the protein seen in the plasma membrane and ER/cytoplasm of HeLa cells, and additionally the nucleus of U2OS cells.

Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08896 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB08896 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane, cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue) Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).