

## UK Office

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

## EB11526 - Goat Anti-Furin (C terminus) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** dibasic processing enzyme, dibasic-processing enzyme, FES upstream region, FUR, FURIN, furin (paired basic amino acid cleaving enzyme), furin, membrane associated receptor protein, OTTHUMP00000194747, PACE, paired basic amino acid residue-cleaving enzyme, PCSK3, proprotein convertase subtilisin/kexin type 3, SPC1

**Official Symbol:** FURIN

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

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

**Non-Human GeneID(s):** 18550 (mouse), 54281 (rat)

### Immunogen

Peptide with sequence C-EDEGRGERTAFIKDQ, from the C Terminus 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

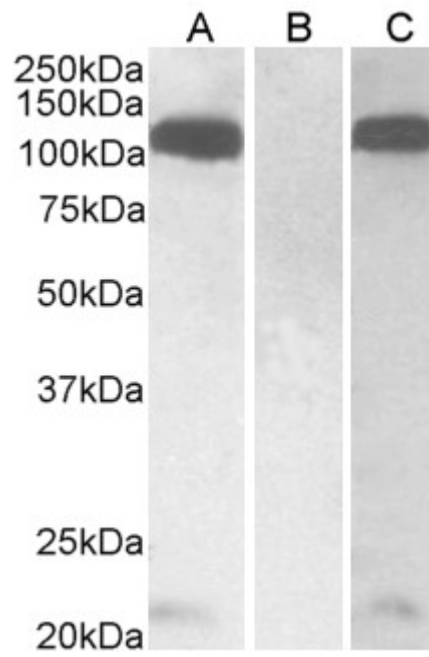
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** In transfected HEK293 transiently expressing Human Furin (myc and DYKDDDDK tagged), a band of approx. 110kDa is observed. No bands are observed in mock-transfected HEK293 and the same band is observed using anti-myc antibody. Recommended concentration, 0.01-0.03µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human Furin with C-terminal MYC tag probed with EB11526 (0.01ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB11526 (0.01mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.