

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB08962 - Goat Anti-PACE4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PCSK6, proprotein convertase subtilisin/kexin type 6, PACE4, SPC4, paired basic amino acid cleaving system 4, subtilisin-like proprotein convertase 4, subtilisin-like protease, subtilisin/kexin-like protease PACE4

Official Symbol: PCSK6

Accession Number(s): NP_002561.1; NP_612192.1; NP_612195.1; NP_612197.1; NP_612196.1; NP_612198.2; NP_612193.1; NP_612194.1

Human GeneID(s): [5046](#)

Non-Human GeneID(s): 18553 (mouse), 25507 (rat)

Important Comments: This antibody is expected to recognize reported isoforms a, b, g, h (NP_002561.1; NP_612192.1; NP_612193.1; NP_612194.1 resp.).

Immunogen

Peptide with sequence PDCEPGTYFDSE, from the internal region of the protein sequence according to NP_002561.1; NP_612192.1; NP_612195.1; NP_612197.1; NP_612196.1; NP_612198.2; NP_612193.1; NP_612194.1.

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 1:8000.

Western blot: Preliminary experiments gave an approx. 70kDa band in Human, Mouse and Rat Liver 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 sizes of 105 to 107kDa according to NP_002561.1, NP_612192.1, NP_612193.1 and NP_612194.1. The 70kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Testis and Skeletal Muscle. Recommended concentration: 3.75µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

EB08962 (3.75µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB08962 (3.75µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.