

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

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 GenelD(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.

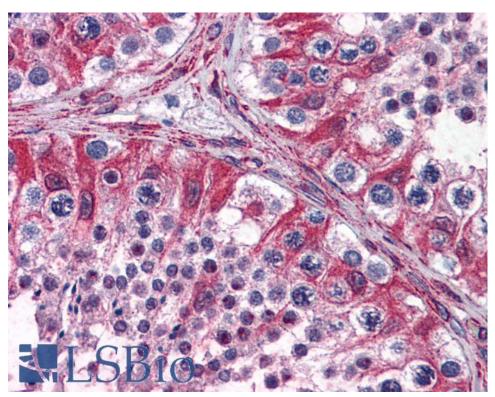
Western blot: Preliminary experiments gave an approx. 70kDa band in Human, Mouse and Rat Liver lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated sizes of 105 to 107kDa according to NP_002561.1, 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.

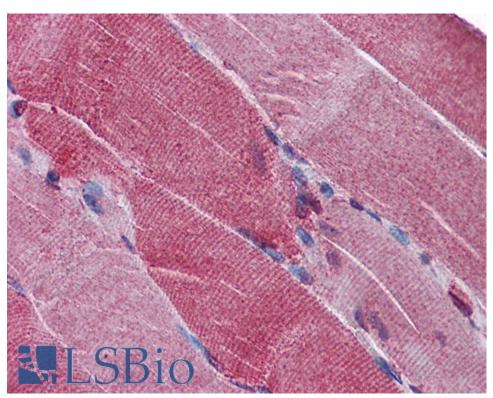
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



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



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