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Research Use Only. Not for diagnostic or therapeutic use.

EB08897 - Goat Anti-PCSK6 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

 $\textbf{Important Comments:} \ This \ antibody \ is \ expected \ to \ recognize \ reported \ isoforms \ a, \ b, \ g$

and h (NP_002561.1; NP_612192.1; NP_612193.1; NP_612194.1 resp.).

Immunogen

Peptide with sequence C-YHTFSAHQSRSR, 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 1:32000.

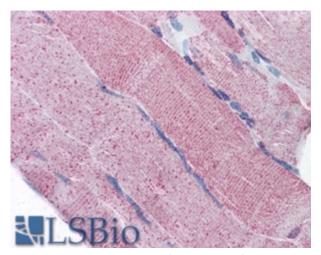
Western blot: Preliminary experiments gave an approx 40-45 kDa band in Human Brain (Cerebellum) lysates after 0.2 μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 106 kDa according to NP_002561.1. The 40-45 kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Skeletal Muscle and Kidney. Recommended concentration: 5µg/ml.

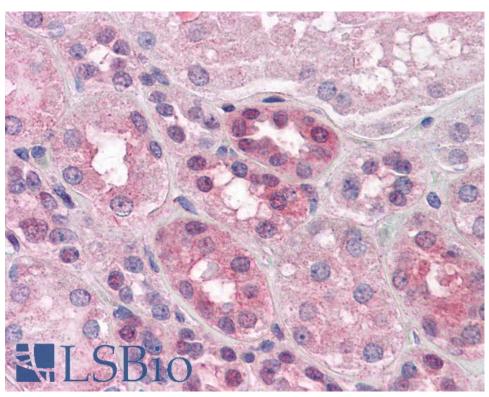
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB08897 ($5\mu g/ml$) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08897 (5μg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.