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Research Use Only. Not for diagnostic or therapeutic use.

EB13085 - Goat Anti-ACE2 (C Terminal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACE 2 antibody, ACE related carboxypeptidase antibody, ACE-related carboxypeptidase antibody, ACE2 antibody, ACE2_HUMAN antibody, ACEH antibody, Angiotensin converting enzyme 2 antibody, Angiotensin converting enzyme homolog antibody, Angiotensin converting enzyme like protein antibody, Angiotensin I Converting Enzyme (peptidyl dipeptidase A)

Official Symbol: ACE2

Accession Number(s): NP_001358344.1

Human GenelD(s): 59272

Immunogen

Peptide with sequence PROPRIETARY-ACE2, from the C Terminus of the protein sequence according to NP_001358344.1.

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: Approx 140kDa band observed in Human Kidney lysates (calculated MW of 92.4kDa according to NP_001358344.1). The observed molecular weight was successfully blocked by incubation with the immunising peptide, and represents glycosylateion of ACE2, as routinely observed by other sources. Recommended concentration: 0.03-1ug/ml. Primary incubation 1 hour at room temperature **IHC:** Paraffin embedded Human Testis. Recommended concentration: 8µg/ml.

A customer reported weak staining on paraffin embedded Human Kidney, concentration 5-6ug/ml.

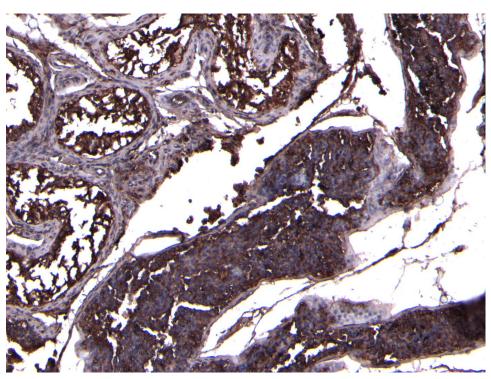
Species Reactivity

Tested: Human

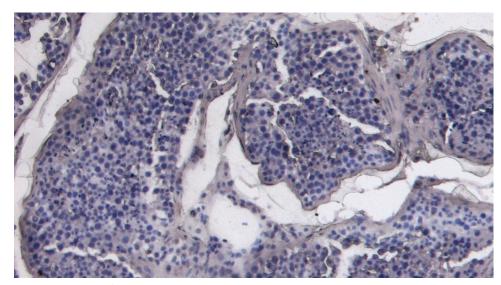
Expected from sequence similarity: Human

A B
250kDa
150kDa
Glycosylated ACE2
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa

EB13085 (0.5μg/ml) staining of Human Kidney lysate (A) + Peptide (B) (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB13085 (8µg/ml) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB13085 Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.