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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 GeneID(s): [59272](#)

Immunogen

Peptide with sequence C-PROPRIETARY., 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 glycosylation of ACE2, as routinely observed by other sources. Recommended concentration: 0.03-1µg/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 5-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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.