



## UK Office

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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 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 glycosylation of ACE2, as routinely observed by other sources. Recommended concentration: 0.03-1µg/ml. Primary incubation 1 hour at room temperature

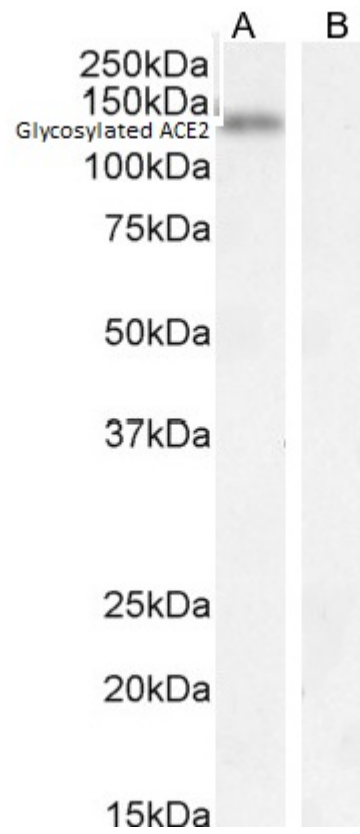
**IHC:** Paraffin embedded Human Testis. Recommended concentration: 8µg/ml.

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

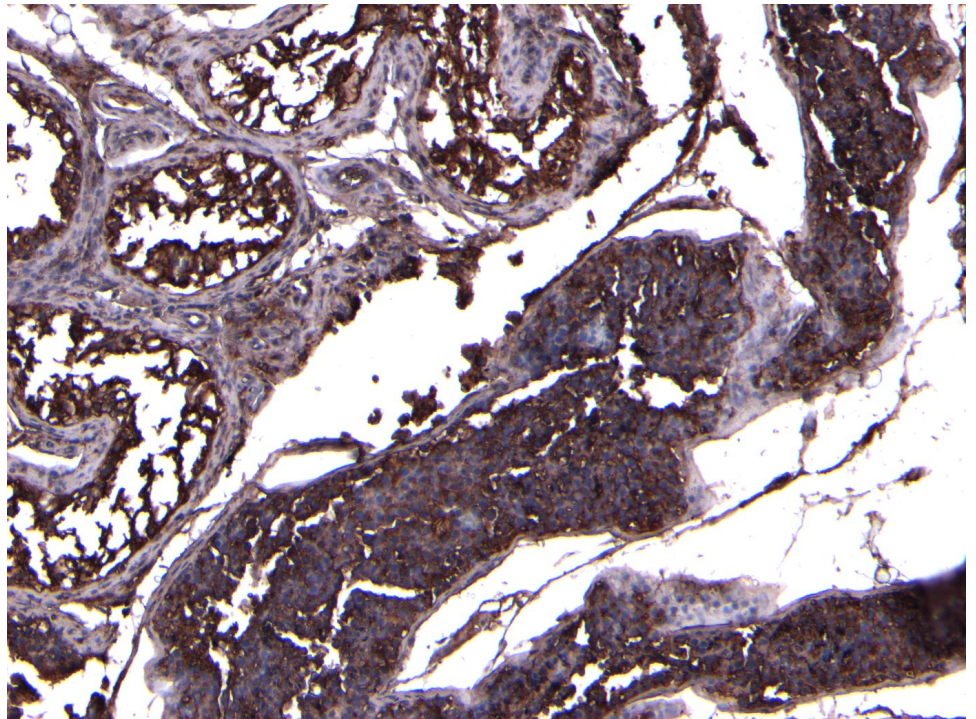
### Species Reactivity

**Tested:** Human

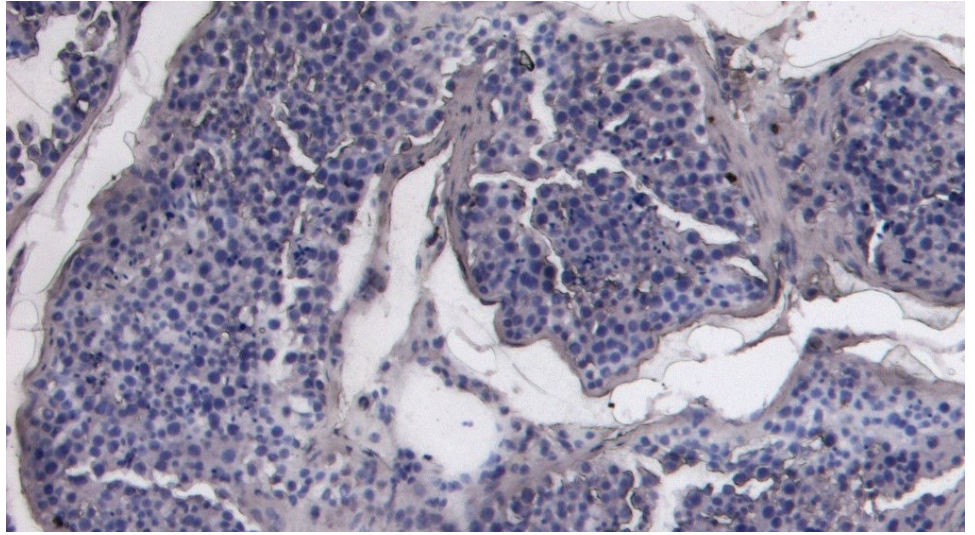
**Expected from sequence similarity:** Human



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



EB13085 (8 $\mu$ g/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.