

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09970 - Goat Anti-ANTXR2 / CMG2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** anthrax toxin receptor 2, capillary morphogenesis protein 2, CMG2, CMG-2, FLJ31074, ISH, JHF, MGC111533, MGC45856, ANTXR2

**Official Symbol:** ANTXR2

**Accession Number(s):** NP\_477520.2; NP\_001139266.1

**Human GeneID(s):** [118429](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_477520.2; NP\_001139266.1).

### Immunogen

Peptide with sequence C-HEGLKLANEQIQK, from the internal region of the protein sequence according to NP\_477520.2; NP\_001139266.1.

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 1:16000.

**Western blot:** Approx 60kDa band observed in Mouse Kidney lysates (calculated MW of approx 54kDa according to NP\_477520.2; NP\_001139266.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Kidney for this particular batch.

**IHC:** Paraffin embedded Human Liver and Kidney. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow

EB09970 (0.3µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09970 (2.5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB09970 (2.5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.