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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-HEGLKLANEIQK, 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.