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Research Use Only. Not for diagnostic or therapeutic use.

EB07446 - Goat Anti-AGTR1 / AT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AGTR1, AT1, angiotensin II receptor, type 1, AG2S, AGTR1A, AGTR1B, AT1B, AT2R1, AT2R1A, AT2R1B, HAT1R, angiotensin receptor 1, angiotensin

receptor 1B, type-1B angiotensin II receptor

Official Symbol: AGTR1

Accession Number(s): NP_000676.1; NP_004826.2; NP_033611.1; NP_114038.1;

NP 114438.1

Human GeneID(s): 185

Non-Human GenelD(s): 11607 (mouse), 24180 (rat)

Important Comments: All reported variants represent identical protein (NP_000676.1,

NP_004826.2, NP_033611.1, NP_114038.1 and NP_114438.1).

Immunogen

Peptide with sequence C-EIQKNKPRNDDIFK, from the internal region of the protein sequence according to NP_000676.1; NP_004826.2; NP_033611.1; NP_114038.1; NP_114438.1.

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

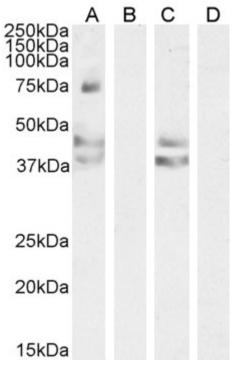
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 38kDa band observed in Human and Mouse Liver lysates (calculated MW of 41.1kDa according to Human NP_000676.1 and 40.9kDa according to Mouse NP_796296.1) Additional bands of unknown identity were also observed at 45 and 75kDakDa and were successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.1-0.3μg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Rat Liver for this particular batch.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse



EB07446 (0.2μg/ml) staining of Human Liver (A) + peptide (B), Mouse Liver (C) + peptide (D) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.