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Research Use Only. Not for diagnostic or therapeutic use.

EB05570 - Goat Anti-GATA3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GATA3, GATA binding protein 3, HDR, MGC2346, MGC5199,

MGC5445, GATA-binding protein 3, enhancer-binding protein GATA3

Official Symbol: GATA3

Accession Number(s): NP_001002295.1; NP_002042.1

Human GeneID(s): 2625

Non-Human GenelD(s): 14462 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_001002295.1 and NP_002042.1).

Immunogen

Peptide with sequence EVTADQPRWVSHH-C, from the N Terminus of the protein sequence according to NP_001002295.1; NP_002042.1.

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

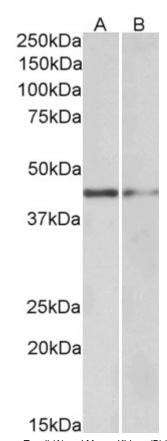
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 46kDa band observed in Human Tonsil and in Mouse Kidney lysates. (calculated MW of 47.9kDa according to NP_002042.1 and Mouse NP_032117.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human. Mouse

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



EB05570 (0.5μg/ml) staining of Human Tonsil (A) and Mouse Kidney (B) lysate (35μg protein in RIPA buffer).

Primary incubation was 1 hour. Detected by chemiluminescence