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

EB07361-T - Goat Anti-FXR1 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: FXR1, fragile X mental retardation, autosomal homolog 1, fragile X mental retardation-related protein 1

Official Symbol: FXR1

Accession Number(s): NP_005078.2; NP_001013456.1; NP_001013457.1

Human GeneID(s): [8087](#)

Non-Human GeneID(s): 14359 (mouse), 361927 (rat)

Important Comments: This antibody is expected to recognise all reported isoforms (NP_005078.2, NP_001013456.1 and NP_001013457.1).

Immunogen

Peptide with sequence C-RIEGDNENKLPRED, from the internal region of the protein sequence according to NP_005078.2; NP_001013456.1; NP_001013457.1.

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 1:128000.

Western blot: Approx 75+80kDa band observed in lysates of cell line NIH-3T3 (calculated MW of 59.9kDa according to NP_001013457.1). The observed molecular weight corresponds to earlier findings in literature (Khandjian et al Hum Mol Genet. 1998 Dec;7(13):2121-8.; PMID: 9817930). An additional band of unknown identity was also consistently observed at 37kDa. This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration. 1-3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Mouse

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

EB07361 (1µg/ml) staining of NIH-3T3 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.