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

EB09347 - Goat Anti-HTR7 / 5-HT7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HTR7, 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled), 5-HT7, 5-hydroxytryptamine receptor 7, OTTHUMP00000020077, OTTHUMP00000020078, OTTHUMP00000020079, serotonin 5-HT-7 receptor

Official Symbol: HTR7

Accession Number(s): NP_000863.1

Human GeneID(s): [3363](#)

Important Comments: This antibody is expected to recognize isoform a (NP_000863.1) only.

Immunogen

Peptide with sequence QNADYCRKKGHDS, from the C Terminus of the protein sequence according to NP_000863.1.

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

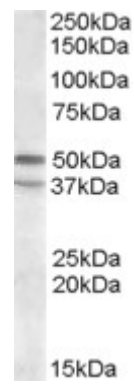
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 50kDa band observed in lysates of cell line KELLY (calculated MW of 49.5kDa according to NP_000863.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 37kDa. This band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB09347 (1µg/ml) staining of KELLY lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.