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

EB10576 - Goat Anti-OPRK1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OPRK1, opioid receptor, kappa 1, KOR, OPRK, Opiate receptor, kappa-1, kappa opioid receptor

Official Symbol: OPRK1

Accession Number(s): NP_000903.2

Human GeneID(s): [4986](#)

Non-Human GeneID(s): 18387 (mouse), 29335 (rat)

Immunogen

Peptide with sequence C-PAYLRDIDGMNKP, from the C Terminus of the protein sequence according to NP_000903.2.

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 45kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 42.6kDa according to NP_000903.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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

EB10576 (1µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.