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