



## UK Office

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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

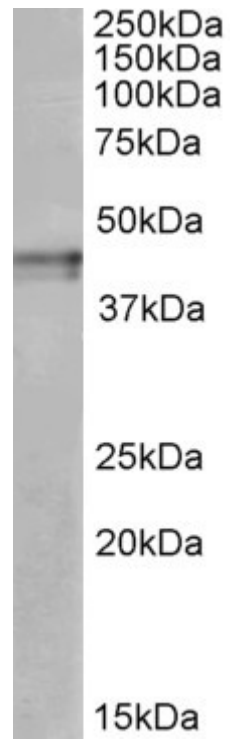
**Peptide ELISA:** antibody detection limit dilution 1:16000.

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