

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB05880-B - Goat Anti-PARK7 / DJ-1, biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PARK7, parkinson protein 7, DJ-1, DJ1, HEL-S-67p, Parkinson disease (autosomal recessive, early onset) 7, epididymis secretory sperm binding protein Li 67p, oncogene DJ1, protein DJ-1, CTA-215D11.1, FLJ27376, FLJ34360, FLJ92274

Official Symbol: PARK7

Accession Number(s): NP_009193.2

Human GeneID(s): 11315

Non-Human GenelD(s): 57320 (mouse), 117287 (rat)

Important Comments: Reported variants represent identical protein: NP_009193.2,

NP_001116849.1

Immunogen

Peptide with sequence C-AAQVKAPLVLKD., from the C Terminus of the protein sequence according to NP_009193.2.

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 1:128000.

Western blot: Approx 24kDa band observed in lysates of cell line Jurkat (calculated MW of 19.9kDa according to NP_009193.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB05880 (0.2µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.