

Goat anti-LRRK2 / PARK8 (near C Terminus) Antibody

Item Number	dAP-0589
Target Molecule	Principle Name: LRRK2 / PARK8 (near C Terminus); Official Symbol: LRRK2; All Names and Symbols: LRRK2; PARK8; ROCO2; FLJ45829; DKFZp434H2111; leucine-rich repeat kinase 2; dardarin; Parkinson disease (autosomal dominant) 8; AURA17; DARDARIN; RIPK7; augmented in rheumatoid arthritis 17; Accession Number (s): NP_940980.3; Human Gene ID(s): 120892; Non-Human GeneID(s):
Immunogen	CELAEKMRRTSV, is from internal region (near the C Terminus)
Applications	Pep ELISA, WB, IHC, ICC, IEM Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: This product has been successfully used in Western blot for human brain as described in the following paper: Sharma et al, Neuropathol Appl Neurobiol. 2011 Jun 23, PMID 21696411. Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Brain (Hippocampus) shows staining of neuronal cytoplasm. Recommended concentration: 1-2µg/ml. Paraffin embedded Human Brain (Cortex). Recommended concentration: 2µg/ml. This product has been successfully
Reference	Reference(s): Paisan-Ruiz C, Jain S, Evans EW, Gilks WP, Simon J, van der Brug M, de Munain AL, Aparicio S, Gil AM, Khan N, Johnson J, Martinez JR, Nicholl D, Carrera IM, Pena AS, de Silva R, Lees A, Marti-Masso JF, Perez-Tur J, Wood NW, Singleton AB. Cloning of the Gene Containing Mutations that Cause

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**