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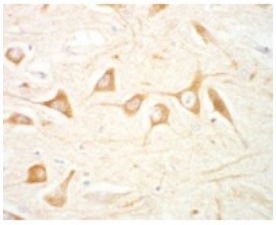
LRRK2 Antibody

CATALOG NUMBER: 45-848



Immunohistochemistry (1.5µg/ml) staining of paraffin embedded Human Hippocampus CA4. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, ICC, IEM, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:64000. 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: 0.3-1ug/ml. Immunohistochemistry: In paraffin embedded Human Brain (hippocampus) shows staining of neuronal cytoplasm. Recommended concentration, 1-2ug/ml. This product has been successfully used in immunohistochemistry on human brain: Alegre-Abarrategui J et al., N Immunoelectron microscopy: This antibody has been successfully used in IEM as described in the following paper: Alegre-Abarrategui et al, Hum Mol Genet. 2009 Nov 1;18(21):4022-34, PMID: 19640926. Not for sale outisde the United States
POSITIVE CONTROL:	1) Cat. No. XBL-10110 - Human Hippocampus Tissue Lysate
IMMUNOGEN:	LRRK2 antibody was raised against a 12 amino acid synthetic peptide near the internal region (near the C-Terminus) of LRRK2.
HOST SPECIES:	Goat

Properties

PURIFICATION:	LRRK2 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	LRRK2 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	LRRK2, PARK8, ROCO2, FLJ45829, DKFZp434H2111, leucine-rich repeat kinase 2, dardarin, Parkinson disease (autosomal dominant) 8
ACCESSION NO.:	NP_940980.2
PROTEIN GI NO.:	83722282
OFFICIAL SYMBOL:	LRRK2
GENE ID:	120892

Background

REFERENCES:	1) 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 PARK8-Linked Parkinson's Disease. Neuron. 2004 Nov 18;44(4):595-600.

FOR RESEARCH USE ONLY

December 13, 2016