

Product datasheet for **TA354712**

LRRK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to C-terminus of human LRRK2.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	285 kDa
Gene Name:	leucine-rich repeat kinase 2
Database Link:	NP_940980 Entrez Gene 120892 Human Q5S007
Background:	The leucine-rich repeat kinase family (LRKK) proteins are consists of an ankryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40. Various genes and loci (a-synuclein/PARK1 and 4, parkin/PARK2, UCH-L1/PARK5, PINK1/PARK6, DJ-1/PARK7, LRRK2/PARK8, synphilin-1 and NR4A2) are associated to Parkinson's Disease (PD). LRRK2 may play an important role as a therapeutic target for treatment of PD (5).
Synonyms:	AURA17; DARDARIN; PARK8; RIPK7; ROCO2
Protein Families:	Druggable Genome, Protein Kinase



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Protein Pathways: Parkinson's disease

Product images:



WB: The cell lysate derived from 3T3 was immunoprobed by Rabbit anti-LRRK2 at 1:500. An immunoreactive band is observed around ~285 kDa (1). This band is abolished by pre-incubation with immunizing peptide (2).