Anti-LRRK2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100180

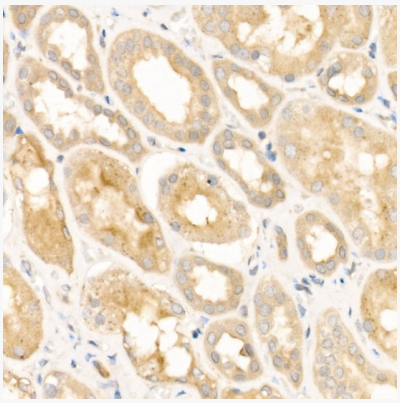
Product Information

Application	WB, IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 750-910 of human LRRK2 (NP_940980.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-LRRK2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

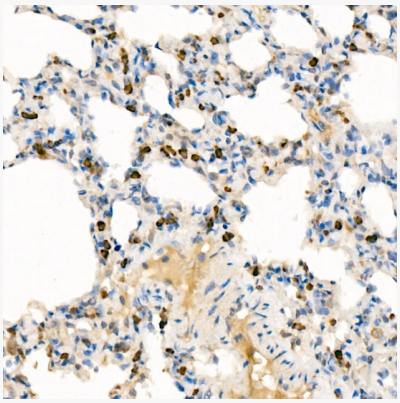
Protein Information

Synonyms	PARK8; RIPK7; ROCO2; AURA17; DARDARIN; LRRK2.
Calculated MW	Calculated MW: 286 kDa; Observed MW: 290 kDa
Uniprot ID	Q5S007
Gene ID	120892
Background	This gene is a member of the leucine-rich repeat kinase family and encodes a protein with 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 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8.

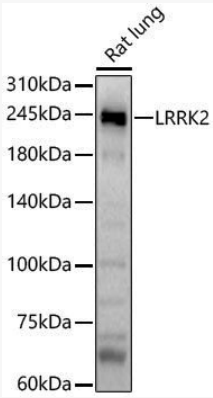
Validation Images



Immunohistochemistry analysis of paraffin-embedded Human kidney using LRRK2 Rabbit pAb (P100180) at dilution of 1:20 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat lung using LRRK2 Rabbit pAb (P100180) at dilution of 1:20 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from Rat lung, using LRRK2 Rabbit pAb (P100180) at 1:900 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.