

LRRK1 rabbit pAb

Cat No.:ES7591

For research use only

Overview

Product Name	LRRK1 rabbit pAb	
Host species	Rabbit	
Applications	IHC;IF;ELISA	
Species Cross-Reactivity	Human;Rat;Mouse;	
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300.	
	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000).
	Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human LRRK1. AA	
	range:361-410	
Specificity	LRRK1 Polyclonal Antibody detects endogenous	
	levels of LRRK1 protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	Leucine-rich repeat serine/threonine-protein kinase	
	1	
Gene Name	LRRK1	
Cellular localization	Cytoplasm .	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	79705	
Human Swiss-Prot Number	Q38SD2	
Alternative Names	LRRK1; KIAA1790; Leucine-rich repeat	
	serine/threonine-protein kinase 1	
Background	catalytic activity:ATP + a protein = ADP + a	
	phosphoprotein.,cofactor:Magnesium or	
	manganese.,enzyme regulation:Binding of GTP	
	stimulates kinase	



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activity.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. ROCO subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 Roc domain.,similarity:Contains 11 LRR (leucine-rich) repeats.,similarity:Contains 4 ANK repeats.,

Immunofluorescence analysis of HeLa cells, using LRRK1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using LRRK1 Antibody. The picture on the right is blocked with the synthesized peptide.





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