



LRRK1 Polyclonal Antibody

Catalog No	YP-Ab-03949
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	LRRK1
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA179;Leucine rich repeat serine/threonine protein kinase 1;Leucine-rich repeat serine/threonine-protein kinase 1;LRRK 1;Lrrk1;LRRK1_HUMAN;RIPK6;Roco1;KIAA1790
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm .
Tissue Specificity	Brain,Cervix,Lung,Macrophage,Pancreas,Skin,Spleen,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium or manganese.,enzyme regulation:Binding of GTP stimulates kinase 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.,



Background

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,
cofactor:Magnesium or manganese.,enzyme regulation:Binding of GTP stimulates kinase 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.,

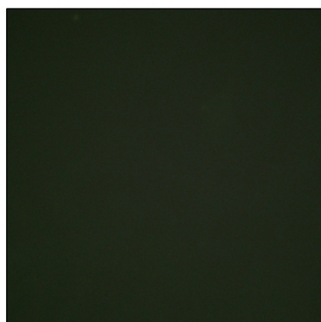
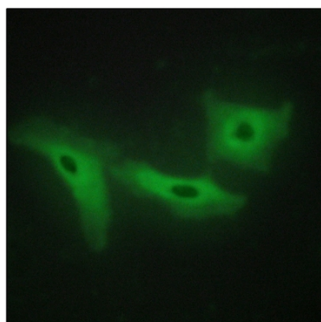
matters needing attention

Avoid repeated freezing and thawing!

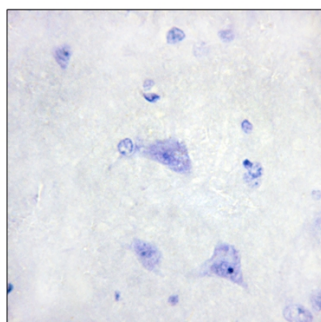
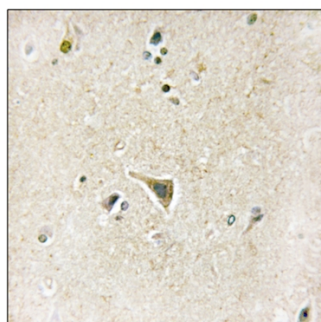
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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.