



Rabbit Anti-Human LRRK2 Monoclonal Antibody, clone NKGG3(d52-3) (CABT-Z613R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fragment within Human LRRK2 aa 950 to the C-terminus.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	NKGG3(d52-3)
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IP Recommended dilution: ICC/IF: 1:50 WB: 1:10000-1:50000
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA, pH 7.2.
Preservative	0.01% Sodium azide
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.

BACKGROUND

Introduction

LRRK2 (Leucine-rich repeat kinase 2, dardarin) is a protein kinase belonging to the ROCO family, which is defined by the presence of a ROC (Ras/GTPase of complex proteins) domain and COR (C-terminal of Roc) region. LRRK2 exhibits kinase activity whereby it can undergo autophosphorylation and can phosphorylate generic substrates. In addition, the GTPase domain of LRRK2 can mediate GDP (guanosine-5'-diphosphate)/GTP (guanosine-5'-triphosphate) binding as well as GTP hydrolysis.

Keywords

LRRK2;leucine-rich repeat kinase 2;PARK8,Parkinson disease (autosomal dominant) 8;leucine-rich repeat serine/threonine-protein kinase
2;DKFZp434H2111;FLJ45829;RIPK7;ROCO2;augmented in rheumatoid arthritis
17;AURA17;Dardarin;Leucine rich repeat

GENE INFORMATION

Gene Name	LRRK2
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Entrez Gene ID	120892
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UniProt ID	Q5S007
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