



Recombinant Rabbit Anti-Human LRRK2 (Phospho T1410) Monoclonal Antibody, clone NKGS5-36-6 (CABT-Z614R)

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

PRODUCT INFORMATION

Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Threonine 1410 of Human LRRK2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	NKGS5-36-6
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:5000
Positive Control	LRRK2 wild type transfected 293T in vitro auto-phosphorylation.
Format	Liquid
Size	100 µl
Buffer	59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant, 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.
Ship	Wet ice

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
Entrez Gene ID	120892
UniProt ID	Q5S007