



# 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

<b>Immunogen</b>	A synthetic phospho-peptide corresponding to residues surrounding Threonine 1410 of Human LRRK2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	NKGS5-36-6
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:5000
<b>Positive Control</b>	LRRK2 wild type transfected 293T in vitro auto-phosphorylation.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant, pH 7.2.
<b>Preservative</b>	0.01% Sodium azide

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<b>Storage</b>	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	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

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## GENE INFORMATION

<b>Gene Name</b>	LRRK2
<b>Entrez Gene ID</b>	<a href="#">120892</a>
<b>UniProt ID</b>	<a href="#">Q5S007</a>

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