



Rabbit Anti-Human LRRK2 (Phospho T1503) Polyclonal Antibody (CABT-CS452)

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

PRODUCT INFORMATION

Specificity	This antibody recognizes human LRRK2 (pT1503) protein with a phosphorylation site Threonine 1503. It cross reacts to human, mice and rat.
Target	LRRK2
Immunogen	A synthetic peptide containing the epitope LRK-pT-IIN with a phosphorylation site at Threonine 1503 of human LRRK2. This sequence is also identical within human, rat and mouse
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Bovine
Purification	The Rabbit IgG is purified by site-modified Epitope Affinity Purification.
Conjugate	unconjugated
Applications	IHC (P), WB, ELISA, IP
Format	Liquid
Size	100 µg
Buffer	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer
Preservative	None
Storage	The antibodies are stable for 24 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity.

BACKGROUND

Introduction

LRRK2, leucine rich repeat kinase 2, belong to the leucine-rich repeat kinase family and encodes a protein with an ankryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease.

Keywords

LRRK2; leucine-rich repeat kinase 2; PARK8
