



Rabbit Anti-Human LRRK2 (Phospho S973) Polyclonal Antibody (CABT-CS450)

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

PRODUCT INFORMATION

Specificity	This antibody recognizes human LRRK2 (pS973) protein with the phosphorylation site Serine 973. It cross reacts to human, mice and rat.
Target	LRRK2
Immunogen	A synthetic peptide with a phosphorylation sites Serine 955. This sequence is identical among human, rat, mouse, chicken
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
