

Datasheet for ABIN7599881
anti-LRRN4 antibody (AA 125-656)



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Overview

Quantity:	100 µg
Target:	LRRN4
Binding Specificity:	AA 125-656
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRRN4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-LRRN4 Antibody Picoband®
Immunogen:	E.coli-derived human LRRN4 recombinant protein (Position: H125-R656).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-LRRN4 Antibody Picoband® (ABIN7599881). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LRRN4
Alternative Name:	LRRN4 (LRRN4 Products)
Background:	Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody Tissue Specificity: Expressed in all tissues. Background: LRRN4 may play an important role in hippocampus-dependent long-lasting memory.
Molecular Weight:	79 kDa
Gene ID:	164312

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry, 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bando, T., Morikawa, Y., Hisaoka, T., Komori, T., Miyajima, A., Senba, E. Expression pattern of leucine-rich repeat neuronal protein 4 in adult mouse dorsal root ganglia. <i>Neurosci. Lett.</i> 531: 24-29, 2012. 2. Bando, T., Morikawa, Y., Hisaoka, T., Komori, T. Dynamic expression of leucine-rich repeat neuronal protein 4 in the mouse dorsal root ganglia during development. <i>Neurosci. Lett.</i> 548: 73-78, 2013. 3. Gross, M. B. Personal Communication. Baltimore, Md. 1/13/2022.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.