

Datasheet for ABIN7601082
anti-LINGO2 antibody (AA 28-513)



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Overview

Quantity:	100 µg
Target:	LINGO2
Binding Specificity:	AA 28-513
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LINGO2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-LINGO2 Antibody Picoband®
Immunogen:	E.coli-derived human LINGO2 recombinant protein (Position: C28-R513). Human LINGO2 shares 97.9% amino acid (aa) sequence identity with mouse LINGO2.
Characteristics:	Anti-LINGO2 Antibody Picoband® (ABIN7601082). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. 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:	LINGO2
Alternative Name:	LINGO2 (LINGO2 Products)
Background:	Leucine rich repeat and Ig domain containing 2 is a protein that in humans is encoded by the LINGO2 gene. LINGO-2 (LRR and Ig domain-containing, Nogo Receptor-interacting protein 2, also LRRN6C and LERN3), is a member of the LRR transmembrane (TM) protein family. LINGO-2 is thought to function outside the CNS with little involvement by p75/NGR1. The human LINGO-2 precursor is a 606 amino acid (aa) type I TM protein that contains a large extracellular domain and a short cytoplasmic tail. The human LINGO-2 precursor is 99 % and 98 % aa identical to dog and mouse LINGO-2, respectively.
Molecular Weight:	68 kDa
Gene ID:	158038
UniProt:	Q7L985

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Carim-Todd, L., Escarceller, M., Estivill, X., Sumoy, L. LRRN6A/LERN1 (leucine-rich repeat neuronal protein 1), a novel gene with enriched expression in limbic system and neocortex. Europ. J. Neurosci. 18: 3167-3182, 2003.
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 Na2HPO4.
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.