

Datasheet for ABIN7602472  
**anti-NGDN antibody (AA 8-191)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	NGDN
Binding Specificity:	AA 8-191
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NGDN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Purpose:	Anti-NGDN Antibody Picoband®
Immunogen:	E.coli-derived human NGDN recombinant protein (Position: E8-K191).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NGDN Antibody Picoband® (ABIN7602472). Tested in ELISA, Flow Cytometry, IF, ICC, WB 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:	NGDN
Alternative Name:	NGDN ( <a href="#">NGDN Products</a> )
Background:	<p>Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA</p> <p>Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow.</p> <p>Background: Neuroguidin is an EIF4E-binding protein that interacts with CPEB and functions as a translational regulatory protein during development of the vertebrate nervous system.</p>
Molecular Weight:	36 kDa
Gene ID:	25983
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Jung, M.-Y., Lorenz, L., Richter, J. D. Translational control by neuroguidin, a eukaryotic initiation factor 4E and CPEB binding protein. Molec. Cell Biol. 26: 4277-4287, 2006.</p>
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 <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>