

Datasheet for ABIN7599472  
**anti-alpha Taxilin antibody (AA 1-546)**



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## Overview

Quantity:	100 µg
Target:	alpha Taxilin (TXLNA)
Binding Specificity:	AA 1-546
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha Taxilin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Alpha Taxilin/TXLNA Antibody Picoband®
Immunogen:	E.coli-derived human Alpha Taxilin/TXLNA recombinant protein (Position: M1-A546).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Alpha Taxilin/TXLNA Antibody Picoband® (ABIN7599472). 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:	alpha Taxilin (TXLNA)
Alternative Name:	TXLNA ( <a href="#">TXLNA Products</a> )
Background:	<p>Synonyms: N-alpha-acetyltransferase 15, NatA auxiliary subunit,Gastric cancer antigen Ga19,N-terminal acetyltransferase,NMDA receptor-regulated protein 1,Protein tubedown-1,Tbdn100,NAA15,GA19, NARG1, NATH, TBDN100,</p> <p>Tissue Specificity: Expressed at high levels in testis and in ocular endothelial cells. Also found in brain (corpus callosum), heart, colon, bone marrow and at lower levels in most adult tissues, including thyroid, liver, pancreas, mammary and salivary glands, lung, ovary, urogenital system and upper gastrointestinal tract. Overexpressed in gastric cancer, in papillary thyroid carcinomas and in a Burkitt lymphoma cell line (Daudi). Specifically suppressed in abnormal proliferating blood vessels in eyes of patients with proliferative diabetic retinopathy. .</p> <p>Background: Alpha-taxilin also known as interleukin-14 (IL-14) or high molecular weight B-cell growth factor (HMW-BCGF) is a protein that in humans is encoded by the TXLNA gene.</p> <p>Predicted to enable syntaxin binding activity. Predicted to be involved in exocytosis. Predicted to act upstream of or within B cell activation. Located in cytoplasm.</p>
Molecular Weight:	75 kDa
Gene ID:	200081
UniProt:	<a href="#">P40222</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/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Nogami, S., Satoh, S., Nakano, M., Shimizu, H., Fukushima, H., Maruyama, A., Terano, A., Shirataki, H. Taxilin, a novel syntaxin-binding protein that is involved in Ca(2+)-dependent exocytosis in neuroendocrine cells. Genes Cells 8: 17-28, 2003.</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.

## Handling

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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:	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.