

Datasheet for ABIN7602773
anti-Ataxin 1 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	Ataxin 1 (ATXN1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ataxin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Ataxin 1 Antibody Picoband® (monoclonal, 2B13G8)
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Ataxin 1, different from the related mouse and rat sequences by one amino acid.
Clone:	2B13G8
Isotype:	IgG2b
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Ataxin 1 Antibody Picoband® (monoclonal, 2B13G8) (ABIN7602773). Tested in Flow Cytometry, IHC, WB 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: Ataxin 1 (ATXN1)

Alternative Name: ATXN1 ([ATXN1 Products](#))

Background: Synonyms: CD2-associated protein, Adapter protein CMS, Cas ligand with multiple SH3 domains, CD2AP
Tissue Specificity: Widely expressed in fetal and adult tissues.
Background: Ataxin-1 is a protein that in humans is encoded by the ATXN1 gene. The ATXN1 gene had been mapped to 6p23 by in situ hybridization. Ataxin-1 (ATXN1), a causative factor for spinocerebellar ataxia type 1 (SCA1), and the related Brother of ATXN1 (BOAT1) are human proteins involved in transcriptional repression. ATXN1 and BOAT1 might participate in several Notch-controlled developmental and pathological processes.

Molecular Weight: 105 kDa

Gene ID: 6310

UniProt: [P54253](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat
Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat
Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human, Mouse, Rat
1. "Entrez Gene: ATXN1 ataxin 1" 2. Tong, X., Gui, H., Jin, F., Heck, B. W., Lin, P., Ma, J., Fondell, J. D., Tsai, C.-C. Ataxin-1 and brother of ataxin-1 are components of the Notch signalling pathway. EMBO Rep. 12: 428-435, 2011. 3. Volz A, Fonatsch C, Ziegler A (Jun 1992). "Regional mapping of the gene for autosomal dominant spinocerebellar ataxia (SCA1) by localizing the closely linked D6S89 locus to 6p24.2---p23.05". Cytogenet Cell Genet 60 (1): 37-9. 4. Volz, A., Boyle, J. M., Cann, H. M., Cottingham, R. W., Orr, H. T., Ziegler, A. Report of the second international workshop on human chromosome 6. Genomics 21: 464, 1994.

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 and 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.