Datasheet for ABIN768538

anti-Ataxin 1 antibody (AA 686-699)

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Overview

Quantity:	100 µg
Target:	Ataxin 1 (ATXN1)
Binding Specificity:	AA 686-699
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Ataxin 1 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	ATXN1 (aa686-699)
Immunogen:	Peptide with sequence C-TLKNLKNGSVKKGQ, from the internal region of the protein sequence according to NP_000323.2.
Sequence:	TLKNLKNGSV KKGQ
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001121636.1, NP_000323.2
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	Ataxin 1 (ATXN1)
Alternative Name:	ATXN1 (ATXN1 Products)
Background:	ATXN1, ataxin 1, ATX1, D6S504E, SCA1, OTTHUMP00000016065, ataxin-1, spinocerebellar ataxia type 1 protein
Molecular Weight:	75kDa and 26kDa
Gene ID:	6310, 20238, 25049
NCBI Accession:	NP_000323
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western Blot: Preliminary experiments gave bands at approx 75 kDa and 26 kDa in Mouse Fetal Brain lysates after 0.5 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calcul Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.