Datasheet for ABIN965623

anti-Ataxin 10 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	Ataxin 10 (ATXN10)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 10 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human ATXN10(Ataxin-10)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	Ataxin 10 (ATXN10)
Alternative Name:	ATXN10 (ATXN10 Products)
Background:	The autosomal dominant cerebellar ataxias (ADCAs) are a clinically and genetically heterogeneous group of disorders characterized by ataxia, dysarthria, dysmetria, and intention tremor. All ADCAs involve some degree of cerebellar dysfunction and a varying degree of signs from other components of the nervous system. Defects in ATXN10 are the cause of

Target Details

spinocerebellar ataxia type 10. SCA10 is an autosomal dominant disorder and is predominantly characterized by cerebellar ataxia seizures. In addition patients often show soft pyramidal signs, ocular dyskinesia, cognitive impairment, and/or behavioral disturbances. SCA10 has been recognized only in families of Mexican origin. The molecular basis of the disease is due to an ATTCT nucleotide repeat expansion in intron 9.

Application Details

Application Notes:	ELISA, Western blotting: 1µg/ml for 2hrs.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	This antibody is stored in PBS, 50% glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Publications

Product cited in:

Matsuura, Fang, Pearson, Jayakar, Ashizawa, Roa, Nelson: "Interruptions in the expanded ATTCT repeat of spinocerebellar ataxia type 10: repeat purity as a disease modifier?" in: **American journal of human genetics**, Vol. 78, Issue 1, pp. 125-9, (2005) (PubMed).

Wiemann, Weil, Wellenreuther, Gassenhuber, Glassl, Ansorge, Böcher, Blöcker, Bauersachs, Blum, Lauber, Düsterhöft, Beyer, Köhrer, Strack, Mewes, Ottenwälder, Obermaier, Tampe, Heubner, Wambutt, Korn et al.: "Toward a catalog of human genes and proteins: sequencing and analysis of 500 novel complete protein coding human cDNAs. ..." in: **Genome research**, Vol. 11, Issue 3, pp. 422-35, (2001) (PubMed).

Matsuura, Yamagata, Burgess, Rasmussen, Grewal, Watase, Khajavi, McCall, Davis, Zu, Achari, Pulst, Alonso, Noebels, Nelson, Zoghbi, Ashizawa: "Large expansion of the ATTCT pentanucleotide repeat in spinocerebellar ataxia type 10." in: **Nature genetics**, Vol. 26, Issue 2, pp. 191-4, (2000) (PubMed).

