Datasheet for ABIN3043507

anti-Ataxin 2 antibody (C-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	Ataxin 2 (ATXN2)
Binding Specificity:	AA 1283-1313, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Ataxin-2(ATXN2) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human ATX2 (1283-1313aa QSALQPIPVSTTAHFPYMTHPSVQAHHQQQL), identical to the related mouse sequence.
Sequence:	QSALQPIPVS TTAHFPYMTH PSVQAHHQQQ L
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Ataxin-2(ATXN2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: ataxin 2 Protein Name: Ataxin-2

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	Ataxin 2 (ATXN2)
Alternative Name:	ATXN2 (ATXN2 Products)
Background:	Ataxin-2, the protein encoded by the ATXN2 gene, contains a polyglutamine tract, long expansions (greater than 33 repeats) of which result in spinocerebellar ataxia-2 (SCA2), an autosomal dominant form of olivopontocerebellar atrophy. The gene for spinocerebellar ataxia type 2 (SCA2) has been mapped to 12q24.1. Ataxin-2 associates with L- and T-plastin and that overexpression of ataxin-2 leads to accumulation of T-plastin in mammalian cells. Synonyms: Ataxin 2 antibody|ATXN2 antibody|Olivopontocerebellar ataxia 2, autosomal dominant antibody|SCA2 antibody|Spinocerebellar ataxia type 2 protein antibody|TNRC13 antibody| Trinucleotide repeat containing gene 13 protein antibody
Gene ID:	6311
UniProt:	Q99700
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Predicted Species: Human IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

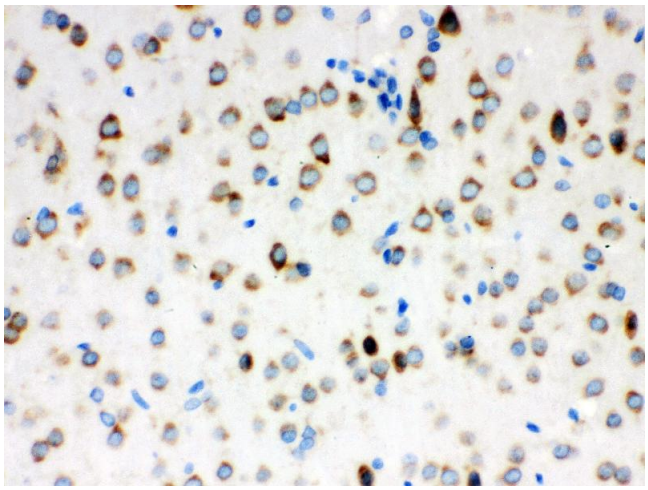
Handling

Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images

Western Blotting

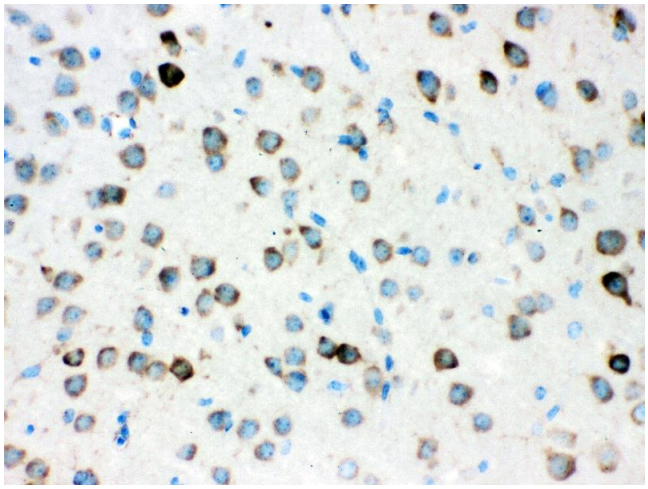
Image 1.



Immunohistochemistry

Image 2. Anti- ATX2 Picoband antibody, IHC(P) IHC(P): Rat Brain Tissue

Images



Immunohistochemistry

Image 3. Anti- ATX2 Picoband antibody, IHC(P) IHC(P): Mouse Brain Tissue

Please check the product details page for more images. Overall 4 images are available for ABIN3043507.