Datasheet for ABIN1531488

anti-Ataxin 1 antibody (pSer776)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Ataxin 1 (ATXN1)
Binding Specificity:	AA 742-791, pSer776
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Ataxin 1 around the phosphorylation site of Ser776.
Isotype:	IgG
Specificity:	Ataxin 1 (Phospho-Ser776) Antibody detects endogenous levels of Ataxin 1 only when phosphorylated at Ser776. PhosphorylationH:S776 M:S752
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

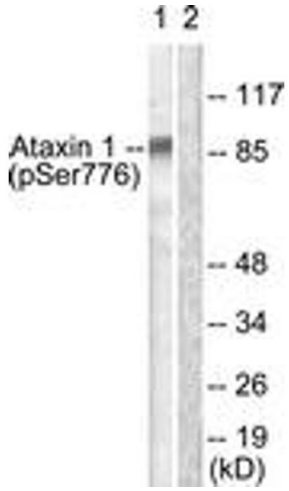
Target:	Ataxin 1 (ATXN1)
Alternative Name:	Ataxin 1 (ATXN1 Products)
Background:	Synonyms: ATX1, ATXN1, SCA1, Spinocerebellar ataxia type 1 protein, Spinocerebellar ataxia type 1 protein homolog NCBI Gene Symbol: ATXN1
Molecular Weight:	87 kDa
Gene ID:	6310
OMIM:	164400
UniProt:	P54253
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.434961 (NCBI Gene Symbol: ATXN1)
Restrictions:	For Research Use only

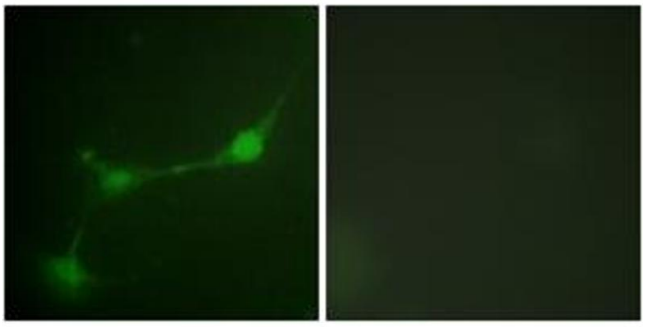
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with Adriamycin 0.5uM 5h, using Ataxin 1 (Phospho-Ser776) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells, using Ataxin 1 (Phospho-Ser776) Antibody. The picture on the right is treated with the synthesized peptide.