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# Datasheet for ABIN6256953 anti-Ataxin 2 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µL
Target:	Ataxin 2 (ATXN2)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	A synthesized peptide derived from human ATXN2, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	ATXN2 Antibody detects endogenous levels of total ATXN2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:

Ataxin 2 (ATXN2)

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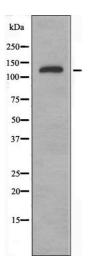
Target Details
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Alternative Name:	ATXN2 (ATXN2 Products)
Background:	Description: Involved in EGFR trafficking, acting as negative regulator of endocytic EGFR internalization at the plasma membrane. Gene: ATXN2
Molecular Weight:	140 kDa
Gene ID:	6311
UniProt:	Q99700
Pathways:	Ribonucleoprotein Complex Subunit Organization
Application Details	

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

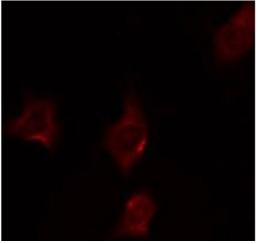
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Western blot analysis of extracts from HepG2 cells using ATXN2 antibody.



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6274870 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.