

Datasheet for ABIN7301498

**anti-Ataxin 1 antibody (C-Term, pSer775)**[Go to Product page](#)**3** Images

## Overview

|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                   |
| Target:              | Ataxin 1 (ATXN1)                                                                                         |
| Binding Specificity: | C-Term, pSer775                                                                                          |
| Reactivity:          | Human, Mouse, Rat                                                                                        |
| Host:                | Rabbit                                                                                                   |
| Clonality:           | Polyclonal                                                                                               |
| Conjugate:           | This Ataxin 1 antibody is un-conjugated                                                                  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunochromatography (IC) |

## Product Details

|                  |                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------|
| Immunogen:       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Ataxin 1 (pS775). |
| Specificity:     | Recognizes endogenous levels of Ataxin 1 (pS775) protein.                                                    |
| Characteristics: | Rabbit polyclonal antibody to Ataxin 1 (pS775)                                                               |
| Purification:    | The antibody was purified by immunogen affinity chromatography.                                              |

## Target Details

|                   |                                             |
|-------------------|---------------------------------------------|
| Target:           | Ataxin 1 (ATXN1)                            |
| Alternative Name: | Ataxin 1 ( <a href="#">ATXN1 Products</a> ) |

## Target Details

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| Background: | ATX1, SCA1, Ataxin-1, Spinocerebellar ataxia type 1 protein              |
| Gene ID:    | 6310, 20238, 25049                                                       |
| UniProt:    | <a href="#">P54253</a> , <a href="#">P54254</a> , <a href="#">Q63540</a> |
| Pathways:   | <a href="#">Synaptic Membrane</a>                                        |

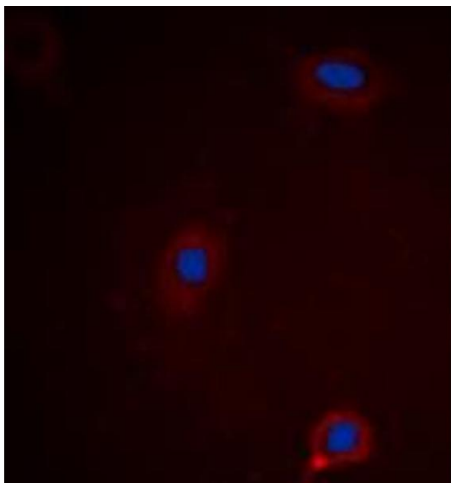
## Application Details

|                    |                                                                |
|--------------------|----------------------------------------------------------------|
| Application Notes: | WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500) |
| Restrictions:      | For Research Use only                                          |

## Handling

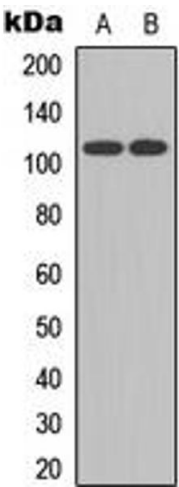
|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                       |
| Expiry Date:       | 12 months                                                                                                              |

## Images



### Immunofluorescence

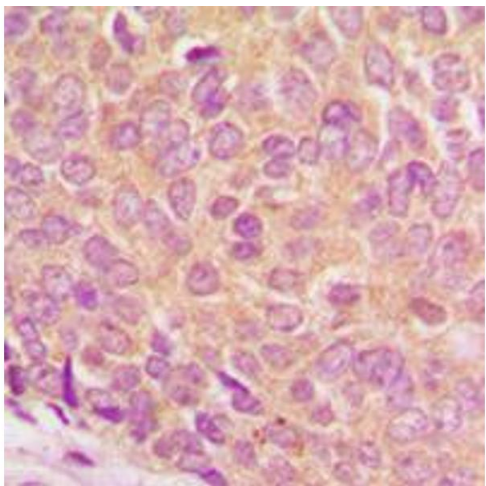
**Image 1.** Immunofluorescent analysis of Ataxin 1 (pS775) staining in HEK293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary



antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Western Blotting

**Image 2.** Western blot analysis of Ataxin 1 (pS775) expression in HEK293T (A), mouse brain (B) whole cell lysates.



Immunohistochemistry

**Image 3.** Immunohistochemical analysis of Ataxin 1 (pS775) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.