

Datasheet for ABIN7144796  
**anti-Ataxin 3 antibody (AA 1-288) (HRP)**



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## Overview

Quantity:	100 µg
Target:	Ataxin 3 (ATXN3)
Binding Specificity:	AA 1-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 3 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Ataxin-3 protein (1-288AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Ataxin 3 (ATXN3)
Alternative Name:	ATXN3 ( <a href="#">ATXN3 Products</a> )
Background:	Background: Deubiquitinating enzyme involved in protein homeostasis maintenance, transcription, cytoskeleton regulation, myogenesis and degradation of misfolded chaperone

## Target Details

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substrates. Binds long polyubiquitin chains and trims them, while it has weak or no activity against chains of 4 or less ubiquitins. Involved in degradation of misfolded chaperone substrates via its interaction with STUB1/CHIP: recruited to monoubiquitinated STUB1/CHIP, and restricts the length of ubiquitin chain attached to STUB1/CHIP substrates and preventing further chain extension. In response to misfolded substrate ubiquitination, mediates deubiquitination of monoubiquitinated STUB1/CHIP. Interacts with key regulators of transcription and represses transcription: acts as a histone-binding protein that regulates transcription.

Aliases: AT3 antibody, Ataxin 3 antibody, ataxin 3 variant h antibody, ataxin 3 variant m antibody, ataxin 3 variant ref antibody, Ataxin-3 antibody, ATX3 antibody, ATX3\_HUMAN antibody, ATXN3 antibody, EC 3.4.22. antibody, JOS antibody, Josephin antibody, Machado Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) antibody, Machado Joseph disease antibody, Machado Joseph disease protein 1 antibody, Machado-Joseph disease protein 1 antibody, Machado-Joseph disease protein 1 homolog antibody, MJD antibody, MJD gene antibody, MJD1 antibody, Olivopontocerebellar ataxia 3 antibody, OTTHUMP00000221583 antibody, OTTHUMP00000221585 antibody, OTTHUMP00000221586 antibody, OTTHUMP00000221587 antibody, OTTHUMP00000231995 antibody, OTTHUMP00000231997 antibody, Rsc3 antibody, SCA3 antibody, SCA3 gene antibody, Spinocerebellar ataxia type 3 protein antibody

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UniProt: [P54252](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

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## Handling

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.