

Datasheet for ABIN7144794

anti-Ataxin 3 antibody (AA 1-288) (Biotin)[Go to Product page](#)

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 Biotin
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 (ATXN3 Products)
Background:	Background: Deubiquitinating enzyme involved in protein homeostasis maintenance, transcription, cytoskeleton regulation, myogenesis and degradation of misfolded chaperone

Target Details

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, Rsca3 antibody, SCA3 antibody, SCA3 gene antibody, Spinocerebellar ataxia type 3 protein antibody

UniProt: [P54252](#)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

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

Handling

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