DNAxPAb | Hard-to-Find Antibody

ATXN3 DNAxPab

Catalog # H00004287-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATXN3 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MESIFHEKQEGSLCAQHCLNNLLQGEYFSPVELSSIAHQLDEEERMRMAEGGVTSEDYRTFLQQ PSGNMDDSGFFSIQVISNALKVWGLELILFNSPEYQRLRIDPINERSFICNYKEHWFTVRKLGKQWF NLNSLLTGPELISDTYLALFLAQLQQEGYSIFVVKGDLPDCEADQLLQMIRVQQMHRPKLIGEELAQ LKEQRVHKTDLERVLEANDGSGMLDEDEEDLQRALALSRQEIDMEDEEADLRRAIQLSMQGSSR NISQDMTQTSGTNLTSEELRKRREAYFEKQQQKQQQQQQQQQQQQQQQQQQQGDLSGQSSHP CERPATSSGALGSDLGDAMSEEDMLQAAVTMSLETVRNDLKTEGKK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ATXN3

Entrez GeneID	4287
GeneBank Accession#	BC033711
Protein Accession#	AAH33711.1
Gene Name	ATXN3
Gene Alias	AT3, ATX3, JOS, MJD, MJD1, SCA3
Gene Description	ataxin 3
Omim ID	109150 607047
Gene Ontology	Hyperlink
Gene Summary	Machado-Joseph disease, also known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein encoded by this gene contains (CAG)n repeats in the coding region, and the expansion of these repeats from the normal 13-36 to 68-79 is one cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq
Other Designations	Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3)|Machado-Joseph disease protein 1|josephin|olivopontocerebellar ataxia 3|spinocerebellar ataxia type 3 protein

Disease

- Cerebellar Ataxia
- Chronic Disease
- Depressive Disorder
- Diabetes Mellitus
- Epilepsy
- Fragile X syndrome
- Friedreich Ataxia

- Genetic Predisposition to Disease
- Genomic Instability
- Huntington disease
- Machado-Joseph Disease
- Muscular Atrophy
- Myoclonic Epilepsies
- Myotonic dystrophy
- Neuromuscular Diseases
- Parkinson disease
- Parkinsonian Disorders
- Restless Legs Syndrome
- Schizophrenia
- Spinal muscular atrophy
- Spinocerebellar ataxia
- Spinocerebellar Ataxias
- Spinocerebellar Degenerations
- Wakefulness