

## ATXN3 antibody

### Product Information

Catalog No.:	FNab00739
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

ATXN3, which has deubiquitinase activity and act as a component of the ubiquitin proteasome system, plays a role in transcriptional regulation and neuroprotection. ATXN3 interacts with RAD23, HHR23A and HHR23B, involves in the pathology of MJD. ATXN3 is a mixed-linkage, chain-editing enzyme and that the UIM region of ATXN3 regulates its substrate specificity. Contains an N-terminal deubiquitinating domain, called the Josephin domain, followed by 2 ubiquitin-interacting motifs (UIMs) and a polyQ tract near the C terminus. ATXN3 can be phosphorylated in a protein casein kinase-2-dependent manner, thus the MW would be larger than the predicted one.

### Immunogen information

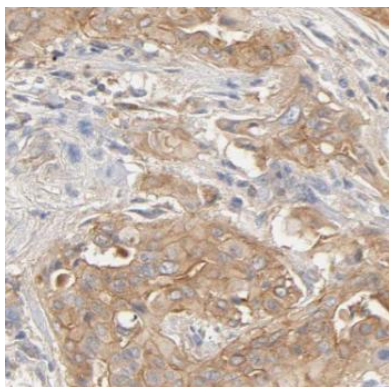
Immunogen:	ataxin 3
Synonyms:	Ataxin-3 Machado-Joseph disease protein 1 Spinocerebellar ataxia type 3 protein ATXN3 ATX3 MJD MJD1 SCA3
Observed MW:	38 kDa
Uniprot ID :	P54252

### Application

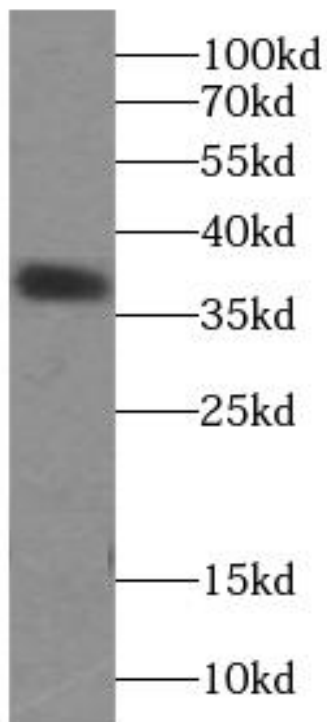
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab00739(ATX3,ATXN3 antibody) at dilution of 1:100



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with FNab00739(ATX3,ATXN3 antibody) at dilution of 1:500