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GOAT ANTI-ATXN1 (AA686-699) ANTIBODY

SKU: EB10911

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	spinocerebellar ataxia type 1 protein| ataxin-1| OTTHUMP00000016065| SCA1| D6S504E| ATX1| ataxin 1|ATXN1
Accession ID	NP_000323.2
Blocking Peptide	EBP10911
Immunogen	Peptide with sequence C-TLKNLKNGSVKKGQ, from the internal region of the protein sequence according to NP_000323.2.
Product Comments	Reported variants represent identical protein: NP_001121636.1, NP_000323.2
Peptide Sequence	C-TLKNLKNGSVKKGQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Human Gene ID	6310
Mouse Gene ID	20238
Rat Gene ID	25049
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.

Western Blot	Preliminary experiments gave bands at approx 75kDa and 26kDa in Mouse Fetal Brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 84.7kDa according to NP_001186234.1 and 83.8kDa according to NP_033150.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?
Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet