

# GOAT ANTI-ATXN1 (AA686-699) ANTIBODY

SKU: EB10911



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## SPECIFICATIONS

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