

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09632 - Goat Anti-ATXN1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ATXN1, ataxin 1, ATX1, D6S504E, SCA1, OTTHUMP00000016065, OTTHUMP00000039306, olivopontocerebellar ataxia 1, autosomal dominant, spinocerebellar ataxia 1 (olivopontocerebellar ataxia 1, autosomal dominant, ataxin 1)

**Official Symbol:** ATXN1

**Accession Number(s):** NP\_000323.2

**Human GeneID(s):** [6310](#)

**Important Comments:** Reported variant NP\_000323.2 and NP\_001121636.1 represent identical protein.

### Immunogen

Peptide with sequence C-DLEVQQATHREASP, from the internal region of the protein sequence according to NP\_000323.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Preliminary experiments in Human Brain lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Dog, Pig