

Goat anti-ATXN1 (aa686-699) Antibody

Item Number	dAP-2408
Target Molecule	Principle Name: ATXN1 (aa686-699); Official Symbol: ATXN1; All Names and Symbols: ATXN1; ataxin 1; ATX1; D6S504E; SCA1; OTTHUMP00000016065; ataxin-1; spinocerebellar ataxia type 1 protein; Accession Number (s): NP_000323.2; Human Gene ID(s): 6310; Non-Human GeneID(s): 20238 (mouse) 25049 (rat)
Immunogen	TLKNLKNGSVKKGQ, is from internal region Reported variants represent identical protein: NP_001121636.1, NP_000323.2
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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 calcul
IHC	
Reference	Reference(s): Duvick L, Barnes J, Ebner B, Agrawal S, Andresen M, Lim J, Giesler GJ, Zoghbi HY, Orr HT, SCA1-like disease in mice expressing wild-type ataxin-1 with a serine to aspartic acid replacement at residue 776. Neuron 2010 Sep 67 (6): 929-35..PMID: 20869591->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**