

## UK Office

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

## EB07202 - Goat Anti-ATRX Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ATRX, alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, *S. cerevisiae*), RP5-875J14.1, ATR2, MGC2094, MRXS3, RAD54, RAD54L, SHS, XH2, XNP, ZNF-HX, DNA dependent ATPase and helicase, OTTHUMP00000062079, RAD54 (*Saccharomyces cerevisiae*), X-linked nuclear protein, Zinc finger helicase, alpha thalassemia/mental retardation syndrome X-linked (RAD54 (*S. cerevisiae*) homolog), helicase 2, X-linked, transcriptional regulator ATRX

**Official Symbol:** ATRX

**Accession Number(s):** NP\_000480.2; NP\_612114.1; NP\_612115.1

**Human GeneID(s):** [546](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_000480.2, NP\_612114.1, NP\_612115.1).

### Immunogen

Peptide with sequence C-KKDQSDTSEDDKKQ, from the internal region of the protein sequence according to NP\_000480.2; NP\_612114.1; NP\_612115.1.

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 1:16000.

**Western blot:** Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the expected size of 300kDa according to the literature (PMID: 15591283). Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. 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?

### Species Reactivity

**Tested:**

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