



## UK Office

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

## EB08902 - Goat Anti-ARX Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ARX, aristaless related homeobox, ISSX, MRX29, MRX32, MRX33, MRX36, MRX38, MRX43, MRX54, MRXS1, PRTS, Infantile spasm syndrome, X-linked, aristaless-related homeobox, X-linked

**Official Symbol:** ARX

**Accession Number(s):** NP\_620689.1

**Human GeneID(s):** [170302](#)

**Non-Human GeneID(s):** 11878 (mouse), 317268 (rat)

### Immunogen

Peptide with sequence C-QVSISRKSYREN, from the internal region of the protein sequence according to NP\_620689.1.

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

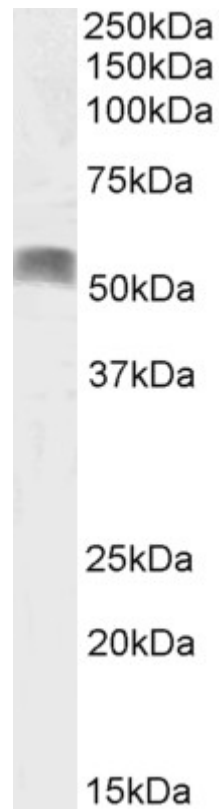
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Western blot:** Approx 55kDa band observed in Human (Frontal Cortex) Brain lysates (calculated MWt of 58.2kDa according to NP\_620689.1) Recommended concentration: 0.5-1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08902 (0.5 $\mu$ g/ml) staining of Human Frontal Cortex lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.