

## **Product datasheet for TA329347**

## **ARX Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-ARX antibody: synthetic peptide directed towards the middle region

of human ARX. Synthetic peptide located within the following region: AAGGGTGTEDDEEELLEDEEDEDEEEELLEDDEEELLEDDARALLKEPRR

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 58 kDa

**Gene Name:** aristaless related homeobox

Database Link: NP 620689

Entrez Gene 170302 Human

Q96QS3



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Background:

ARX gene is a homeobox-containing gene expressed during development. The expressed protein ARX contains two conserved domains, a C-peptide (or aristaless domain) and the prd-like class homeobox domain. It is a member of the group-II aristaless-related protein family whose members are expressed primarily in the central and/or peripheral nervous system. This gene is thought to be involved in CNS development. Mutations in this gene cause X-linked mental retardation and epilepsy. This gene is a homeobox-containing gene expressed during development. The expressed protein contains two conserved domains, a C-peptide (or aristaless domain) and the prd-like class homeobox domain. It is a member of the group-II aristaless-related protein family whose members are expressed primarily in the central and/or peripheral nervous system. This gene is thought to be involved in CNS development. Mutations in this gene cause X-linked mental retardation and epilepsy. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:** CT121; EIEE1; ISSX; MRX29; MRX32; MRX33; MRX36; MRX38; MRX43; MRX54; MRX76; MRX87;

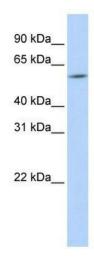
MRXS1; PRTS

Note: Immunogen sequence homology: Human: 100%; Rabbit: 100%; Dog: 92%; Rat: 92%; Mouse:

92%

**Protein Families:** Transcription Factors

## **Product images:**



WB Suggested Anti-ARX Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Hela cell lysate