

## 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: AAGGGTGTEDDEEEELLEDEEDEDDEEEELLEDDARALLKEPRR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_620689</a> <a href="#">Entrez Gene 170302 Human</a> <a href="#">Q96QS3</a>



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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