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Arx Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP2701b

Specification

Arx Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O35085

Arx Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 11878

Other Names
Homeobox protein ARX, Aristaless-related homeobox, Arx

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2701b was selected from the C-term region of human Arx. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Arx Antibody (C-term) Blocking Peptide - Protein Information

Name Arx

Function

Arx Antibody (C-term) Blocking Peptide - Background

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 protein is thought to be involved in CNS development. Mutations in the Arx gene cause X-linked mental retardation and epilepsy.

Arx Antibody (C-term) Blocking Peptide - References

Miura H.,Mech. Dev. 65:99-109(1997).

Transcription factor required for normal brain development. May be important for maintenance of specific neuronal subtypes in the cerebral cortex and axonal guidance in the floor plate (By similarity).

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000255|PROSITE-ProRule:PRU00138}

Arx Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides