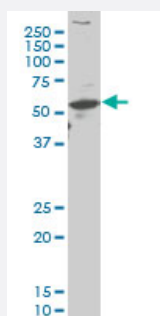


ARX monoclonal antibody (M08), clone 4A8

Catalog # H00170302-M08

Size 100 ug

Applications



Western Blot (Cell lysate)

ARX monoclonal antibody (M08), clone 4A8 Western Blot analysis of ARX expression in SJCRH30 (Cat # L027V1).

Western Blot detection against Immunogen (37.29 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant ARX.

Immunogen

ARX (NP_620689, 159 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

LKISQAPQVVSISRKSYRENGAPFVPPPPALDELGGPGGVTHPEERLGVAGGPGSAPAAGGGTG
TEDDEEEELLEDEEDEDEEEELLEDDARALLKEPR

Host

Mouse

Reactivity

Human

Isotype

IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.29 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ARX monoclonal antibody (M08), clone 4A8 Western Blot analysis of ARX expression in SJCRH30 (Cat # L027V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ARX

Entrez GeneID

[170302](#)

GeneBank Accession#

[NM_139058](#)

Protein Accession#

[NP_620689](#)

Gene Name

ARX

Gene Alias

ISSX, MRX29, MRX32, MRX33, MRX36, MRX38, MRX43, MRX54, MRX76, MRX87, MRXS1, P
RTS

Gene Description

aristaless related homeobox

Omim ID

[300004](#) [300215](#) [300382](#) [300419](#) [300432](#) [308350](#) [309510](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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 home obox 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 . [provided by RefSeq

Other Designations

OTTHUMP00000023088|aristaless-related homeobox, X-linked

Disease

- [Autistic Disorder](#)
- [Epilepsy](#)