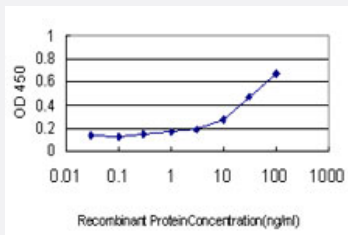


ARX monoclonal antibody (M01), clone 1G2

Catalog # H00170302-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARX is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ARX.
Immunogen	ARX (NP_620689, 1 a.a. ~ 95 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSNQYQEEGCSEKSPKPTLLSSYCIDSLGRRSPCKMRLLGAAQSLPAPLTSRADPEKAV QGSPKSSSAPFEALHLPKLRRLYGPGGGR
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARX is approximately 0.3ng/ml as a capture antibody.

[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 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 . [provided by RefSeq]

Other Designations OTTHUMP00000023088|aristaless-related homeobox, X-linked

Disease

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