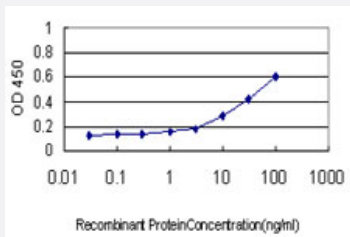


ARX monoclonal antibody (M02), clone 4D12

Catalog # H00170302-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ARX is approximately 0.1ng/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	MSNQYQEEGCSEKPECKSKSPTLLSSYCIDSLGRRSPCKMRLLGAAQSLPAPLTSRADPEKAV QGSPKSSSAPFEAELHLPKLRRLYGPGGGR
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 0.1ng/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](#)