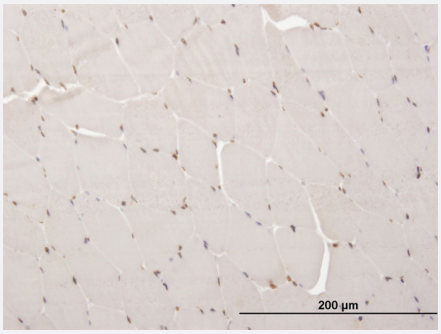
ARX monoclonal antibody (M04), clone 4H8

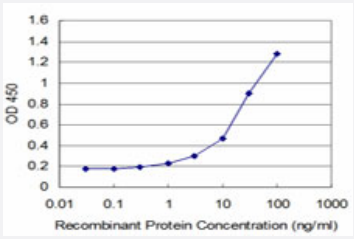
Catalog # H00170302-M04 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ARX on formalin-fixed paraffin-embedded human skeletal muscle. [antibody concentration 3 ug/ml]



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	MSNQYQEEGCSERPECKSKSPTLLSSYCIDSILGRRSPCKMRLLGAAQSLPAPLTSRADPEKAVQGSPKSSSAPFEAELHLPPKLRRLYGPGGGR
Host	Mouse
Reactivity	Human
Isotype	IgG2b 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunoperoxidase of monoclonal antibody to ARX on formalin-fixed paraffin-embedded human skeletal muscle. [antibody concentration 3 ug/ml]

  Protocol Download

- Sandwich ELISA (Recombinant protein)

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  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, PRTS
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 inv olved 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