

## Datasheet

### ARX monoclonal antibody (M31), clone 1A4

**Catalog Number:** H00170302-M31

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full-length recombinant ARX.

**Clone Name:** 1A4

**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:**

LKISQAPQVSISRKSYRENGAPFVPPPPALDELGGPG  
GVTHPEERLGVAGGPGSAPAAGGGTGTEDEEELLE  
DEEDEDEEEELLEDEEELLEDDARALLKEPR

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 170302

**Gene Symbol:** ARX

**Gene Alias:** ISSX, MRX29, MRX32, MRX33, MRX36, MRX38, MRX43, MRX54, MRX76, MRX87, MRXS1, PRTS

**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]