

Datasheet for ABIN2779819
anti-Arx antibody (Middle Region)[2 Images](#)[2 Publications](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Arx (ARX)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arx antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse ARX
Sequence:	TGAEDDEEEL LEDEEDEEEE EELLEDDDEE LLEDDARALL KEPRRCVSAT
Predicted Reactivity:	Dog: 93%, Guinea Pig: 93%, Horse: 79%, Human: 93%, Mouse: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ARX. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Arx (ARX)
Alternative Name:	ARX (ARX Products)

Target Details

Background:	ARX (Aristaless-related genes), a subset of the Paired-related homeobox genes, is a group of regulators of essential events during vertebrate embryogenesis. Arx was highly conserved between mouse and zebrafish. Studies have disclosed its neuromeric expression in the forebrain and longitudinal expression in the floor plate in mouse and zebrafish. It is also expressed in the dorsal telencephalon (presumptive cerebral cortex) of mouse embryos. Protein Size: 564
Molecular Weight:	58 kDa
Gene ID:	11878
NCBI Accession:	NM_007492 , NP_031518
UniProt:	O35085

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 564 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

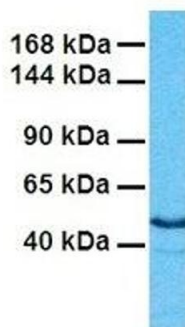
Publications

Product cited in: Huang, Ma, Li, Yu, Zhang, Wei, Jin, Xu, Gao, Huang: "NF- κ B1 inhibits c-Myc protein degradation through suppression of FBW7 expression." in: **Oncotarget**, Vol. 5, Issue 2, pp. 493-505, (2014) ([PubMed](#)).

Images



ARX



Western Blotting

Image 1. WB Suggested Anti-ARX Antibody Titration: 2.5ug/ml ELISA Titer: 1:1562500 Positive Control: NIH/3T3 cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: ARX Sample Tissue: Human Fetal Heart Antibody Dilution: 1.0ug/ml