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Datasheet for ABIN7155649

anti-Arx antibody (AA 381-460)

3 Images

Overview

Quantity:	100 µg
Target:	Arx (ARX)
Binding Specificity:	AA 381-460
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arx antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Homeobox protein ARX protein (381-460AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	Arx (ARX)
Alternative Name:	ARX (ARX Products)
Background:	Background: Transcription factor required for normal brain development. May be important for maintenance of specific neuronal subtypes in the cerebral cortex and axonal guidance in the

Target Details

floor plate.

Aliases: Aristaless related homeobox gene antibody, Aristaless-related homeobox antibody, Arx antibody, ARX_HUMAN antibody, Homeobox protein ARX antibody, ISSX antibody, MRX29 antibody, MRX32 antibody, MRX33 antibody, MRX36 antibody, MRX38 antibody, MRX43 antibody, MRX54 antibody, MRXS1 antibody, phox2a antibody, PRTS antibody

UniProt: [Q96QS3](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

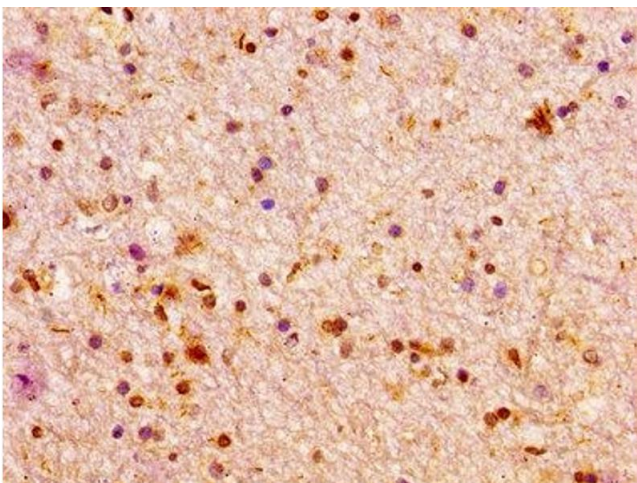
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

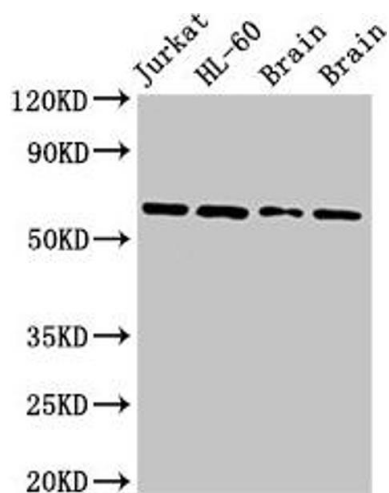
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

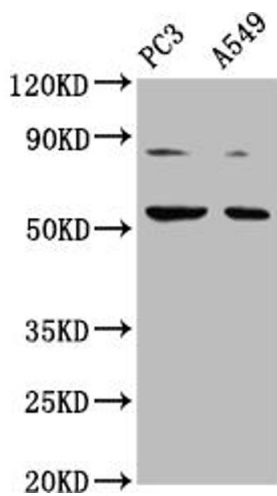
Image 1. IHC image of ABIN7155649 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and



visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: Jurkat whole cell lysate, HL60 whole cell lysate, Rat brain tissue, Mouse brain tissue All lanes: ARX antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 59 kDa Observed band size: 59 kDa



Western Blotting

Image 3. Western Blot Positive WB detected in: PC-3 whole cell lysate, A549 whole cell lysate All lanes: ARX antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 59 kDa Observed band size: 59 kDa