

Product datasheet

info@arigobio.com

ARG41498 anti-Otx1 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Otx1

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Otx1

Species Human

Immunogen Synthetic peptide of Human Otx1.

37 kDa

Conjugation Un-conjugated

Alternate Names Orthodenticle homolog 1; Homeobox protein OTX1

Application Instructions

Application table

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	

Properties

Observed Size

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol OTX1

Gene Full Name orthodenticle homeobox 1

Background This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors.

The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mouse is required for proper brain and sensory organ development and can cause epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq,

Jan 2015]

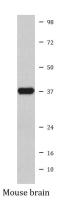
Function Probably plays a role in the development of the brain and the sense organs. Can bind to the BCD target

sequence (BTS): 5'-TCTAATCCC-3'. [UniProt]

Calculated Mw 37 kDa

Cellular Localization Nucleus. [UniProt]

Images



ARG41498 anti-Otx1 antibody WB image

Western blot: Mouse brain lysate stained with ARG41498 anti-Otx1 antibody.