

ARG42528
anti-OB Cadherin antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes OB Cadherin
Tested Reactivity	Zfish
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	OB Cadherin
Species	Zebrafish
Immunogen	Affinity purified recombinant peptide within aa. 752 to the C-terminus of Zebrafish OB Cadherin.
Conjugation	Un-conjugated
Alternate Names	CDHOB; OB-cadherin; Osteoblast cadherin; Cadherin-11; OB; OSF-4; CAD11

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Zebrafish embryo	
Observed Size	~ 90 kDa	

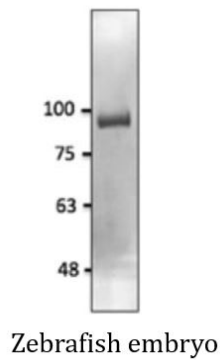
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 mg/ml
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	CDH11
Gene Full Name	cadherin 11, type 2, OB-cadherin (osteoblast)
Background	This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. [provided by RefSeq, Jul 2008]
Function	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. [UniProt]
Calculated Mw	88 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG42528 anti-OB Cadherin antibody WB image

Western blot: 50 µg of 3 day Zebrafish embryo lysate stained with ARG42528 anti-OB Cadherin antibody at 1:2000 dilution.