

# Product datasheet

info@arigobio.com

# ARG55459 anti-Parvalbumin antibody

Package: 50 μl Store at: -20°C

## Summary

Product Description Rabbit Polyclonal antibody recognizes Parvalbumin

Tested Reactivity Ms, Rat

Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Isotype IgG

Target Name Parvalbumin

Species Human

Immunogen Synthetic peptide of Human Parvalbumin.

Conjugation Un-conjugated

Alternate Names PVALB; Parvalbumin; Parvalbumin Alpha; D22S749

### **Application Instructions**

Application table	Application	Dilution
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat skeletal muscle	

### **Properties**

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (pH 7.4), 150mM NaCl, 0.02% Sodium azide and 51% Glycerol

Preservative 0.02% Sodium azide

Stabilizer 51% 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

Database links GeneID: 19293 Mouse

GeneID: 25269 Rat

Swiss-port # P02625 Rat

Swiss-port # P32848 Mouse

Gene Symbol PVALB

Gene Full Name parvalbumin

Background The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and

functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in

muscle relaxation. Alternative splicing results in multiple transcript variants.

Function In muscle, parvalbumin is thought to be involved in relaxation after contraction. It binds two calcium

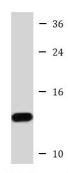
ions

Research Area Neuroscience antibody

Calculated Mw 12 kDa

PTM Acetylation, Phosphoprotein

### **Images**



### Rat skeletal muscle

#### ARG55459 anti-Parvalbumin antibody WB image

Western blot: 20  $\mu g$  of Rat skeletal muscle lysate stained with ARG55459 anti-Parvalbumin antibody at 1:1000 dilution.