

ARG10815
anti-PGCG antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PGCG
Tested Reactivity	Hu, Ms, Rat
Tested Application	Confocal, Dot, ELISA, ICC/IF, IHC-Wmt, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PGCG
Species	Rat
Immunogen	Synthetic peptide around the C-terminus of Rat PGCG protein.
Conjugation	Un-conjugated
Alternate Names	ksGC

Application Instructions

Application table	Application	Dilution
	Confocal	1:200
	Dot	1:10000
	ELISA	1:10000
	ICC/IF	1:200
	IHC-Wmt	1:200
	WB	1:500

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	Tris-Glycine Buffer (pH 7.4 - 7.8), Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 0.5% BSA
Concentration	0.5 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.

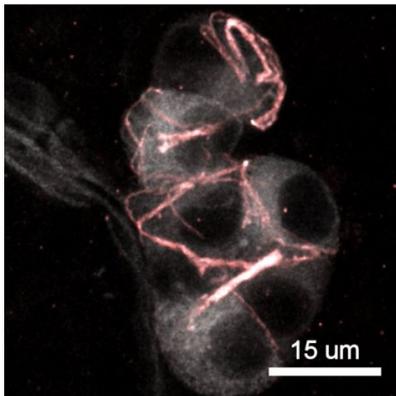
Note

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

Bioinformation

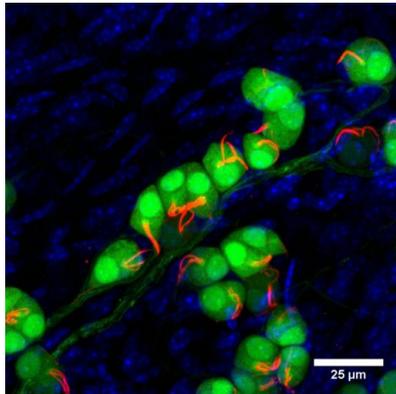
Gene Symbol	Gucy2g
Gene Full Name	guanylate cyclase 2G
Background	a novel soluble guanylyl cyclase; may be involved in cGMP synthesis [RGD, Feb 2006]
Function	Possible role in processes such as water and electrolyte balance, and muscle contraction. [Uniprot]
Calculated Mw	122 kDa

Images



ARG10815 anti-PGCG antibody IHC image

Immunohistochemistry: Thick section of Mouse nose stained with ARG10815 anti-PGCG antibody (red). The antibody labels ciliated subcellular structures on the neurons. White/gray: Grueneberg ganglion neurons. .



ARG10815 anti-PGCG antibody IHC-Wmt image

Immunohistochemistry: Whole-mount Mouse nose stained with ARG10815 anti-PGCG antibody (red). Green: Grueneberg ganglion neurons. Blue: Nuclei.