

ARG41048 anti-Calretinin antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Calretinin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Calretinin
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-271 of Human Calretinin (NP_001731.2).
Conjugation	Un-conjugated
Alternate Names	CAB29; CR; CAL2; 29 kDa calbindin; Calretinin

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:1000 - 1:4000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse eye	
Observed Size	32 kDa	

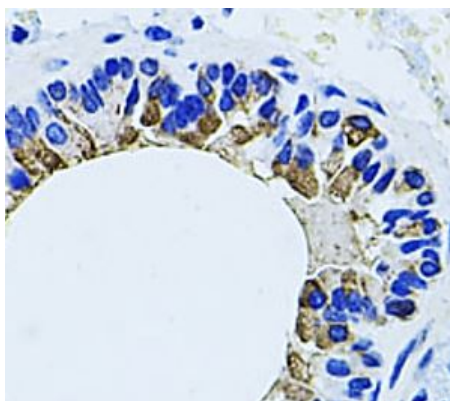
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 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.

Bioinformation

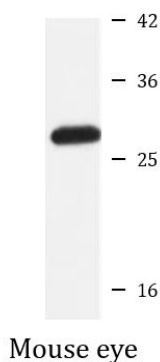
Gene Symbol	CALB2
Gene Full Name	calbindin 2
Background	This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]
Function	Calretinin is a calcium-binding protein which is abundant in auditory neurons. [UniProt]
Calculated Mw	32 kDa

Images



ARG41048 anti-Calretinin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse lung stained with ARG41048 anti-Calretinin antibody at 1:100 dilution.



ARG41048 anti-Calretinin antibody WB image

Western blot: 25 µg of Mouse eye lysate stained with ARG41048 anti-Calretinin antibody at 1:1000 dilution.