

ARG44633 anti-Calretinin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Calretinin
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	Calretinin
Species	Human
Conjugation	Un-conjugated
Alternate Names	CALB2; Calbindin 2; Calretinin; CAL2; 29 KDa Calbindin; CAB29; CR; Testicular Secretory Protein Li 8; Calbindin 2, 29kDa (Calretinin); Calbindin 2, (29kD, Calretinin); Calbindin D29K

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

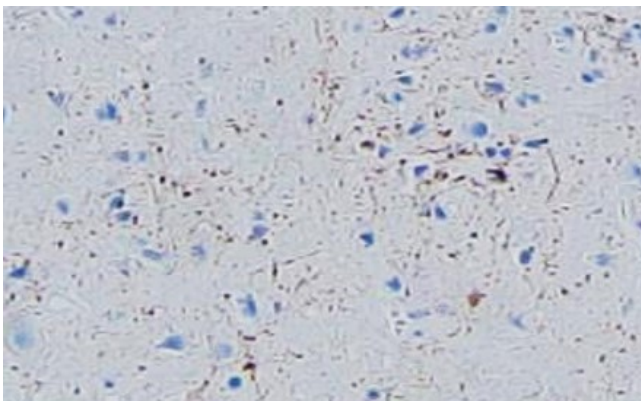
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
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 or below. 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

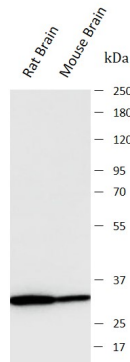
Gene Symbol	CALB2
Gene Full Name	Calbindin 2
Background	This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message 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
PTM	Phosphoprotein. [UniProt]

Images



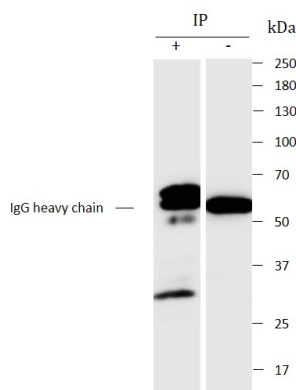
ARG44633 anti-Calretinin antibody IHC-P image

Immunohistochemistry: Mouse Brain stained with ARG44633 anti-Calretinin antibody at 5 µg/mL dilution.



ARG44633 anti-Calretinin antibody WB image

Western blot: Rat Brain and Mouse Brain stained with ARG44633 anti-Calretinin antibody at 1 µg/mL dilution.



ARG44633 anti-Calretinin antibody IP image

Immunoprecipitation: Rat Brain lysate immunoprecipitated with 2.5 µg of ARG44633 anti-Calretinin antibody.