

Calretinin Antibody FITC Conjugated

Catalog No: #C00045F

Package Size: #C00045F 100ul

Description

Product Name	Calretinin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 220-271 271 derived from human Calretinin
Conjugates	FITC
Target Name	Calretinin
Other Names	CR; CAL2; CAB29; Calretinin; 29 kDa calbindin; CALB2
Accession No.	Swiss-Prot#P22676NCBI Gene ID794
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Calretinin is a calcium-binding protein which is abundant in auditory neurons. It belongs to the calbindin family. Calbindin 2 (calretinin), closely related to calbindin 1, is an intracellular calcium-binding protein belonging to the troponin C superfamily. Calbindin 1 is known to be involved in the vitamin-D-dependent calcium absorption through intestinal and renal epithelia, while the function of neuronal calbindin 1 and calbindin2 is poorly understood. The sequence of the calbindin 2 cDNA reveals an open reading frame of 271 codons coding for a protein of 31,520 Da, and shares 58% identical residues with human calbindin1.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.