

Product Name: Calretinin Rabbit Polyclonal Antibody
Catalog #: APRab07878



Summary

Production Name	Calretinin Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CALB2
Alternative Names	Calretinin (CR;29 kDa calbindin)
Gene ID	794.0
SwissProt ID	P22676.Synthesized peptide derived from calbindin 2 at AA range: 191-240

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	32kDa

Background

This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this

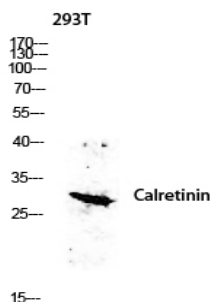
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protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is 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.,online information:Calbindin entry,similarity:Belongs to the calbindin family.,similarity:Contains 6 EF-hand domains.,tissue specificity:Brain.,

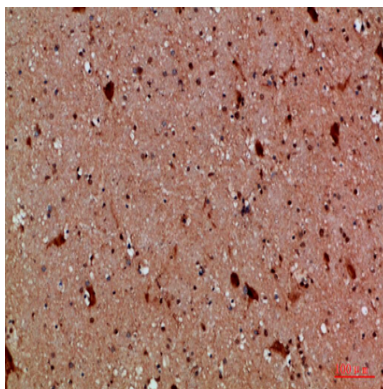
Research Area

Image Data



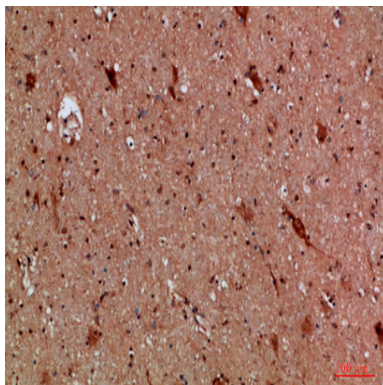
Western blot analysis of 293T lysis using CALB2 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at

1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

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Note

For research use only.