

Calretinin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01138
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CALB2. AA range:201-250
Mol wt	31540
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Calretinin Antibody
Synonyms	CALB2; CAB29; Calretinin; CR; 29 kDa calbindin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CALB2 (calbindin 2) 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.

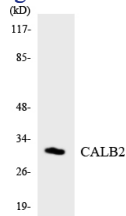
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from HeLa cells using CALB2 antibody.

Storage

-20°C for one year