

Datasheet for ABIN3030250
anti-Calretinin antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	Calretinin (CALB2)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calretinin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human Calretinin (PQQPPYLHLAELTA) was used as the immunogen for this Calretinin antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Calretinin (CALB2)
Alternative Name:	Calretinin (CALB2 Products)
Background:	Calbindin is a calcium-binding protein belonging to the troponin C superfamily. Calretinin is expressed in central and peripheral nervous system and in many normal and pathological tissues. The rat and human calretinin exhibit 98 % sequence homology and 91 % homology to

Target Details

many other species. Two calcium binding proteins, calbindin and calretinin, have been reported to be expressed in abundance in Purkinje cells and other cell types in the cerebellum.

UniProt: [P22676](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Calretinin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

Handling

Buffer: 0.2 mg/mL in 1X PBS with 50 % glycerol and 0.025 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

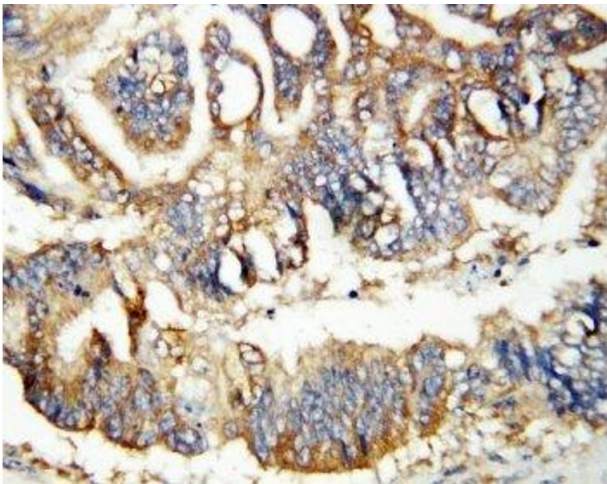
Storage Comment: Store the Calretinin antibody at -20°C.

Images



Western Blotting

Image 1. Western blot testing of Calretinin antibody and HeLa cell lysate. Expected/observed size ~29KD



Immunohistochemistry

Image 2. IHC-P: Calretinin antibody testing of human rectal cancer tissue



Western Blotting

Image 3. Western blot testing of Calretinin antibody and HeLa cell lysate. Expected/observed size ~29KD