

39-2029: Anti-Calretinin Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB,IHC-P
Reactivity :	Human
Gene :	CALB2
Gene ID :	794
Uniprot ID :	P22676
Format :	Liquid
Alternative Name :	Calretinin; CR; 29 kDa calbindin; CALB2; CAB29
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide corresponding to a sequence at the N-terminus of human Calretinin(4-18aa PQQPPYLHLAELTA), identical to the related rat sequence.

Description

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 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.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 50% glycerol, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ . Carrier free (No BSA) form available in stock.
Storage condition :	At -20°C for one year, at 4°C for one month. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1 µg/ml

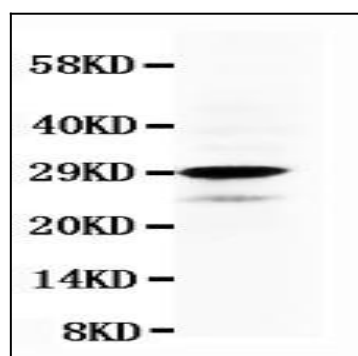


Figure 1: Anti-Calretinin antibody(39-2029). Western blotting: HELA Cell Lysate.

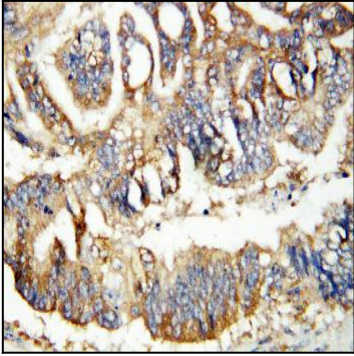


Figure 2: Anti-Calretinin antibody(39-2029). IHC(P): Human Rectal Cancer Tissue.