

## 39-2029: Anti-Calretinin Polyclonal Antibody

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC-P
<b>Reactivity :</b>	Human
<b>Gene :</b>	CALB2
<b>Gene ID :</b>	794
<b>Uniprot ID :</b>	P22676
<b>Format :</b>	Liquid
<b>Alternative Name :</b>	Calretinin; CR; 29 kDa calbindin; CALB2; CAB29
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Immunogen affinity purified.
<b>Content :</b>	Each vial contains 50% glycerol, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> . Carrier free (No BSA) form available in stock.
<b>Storage condition :</b>	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

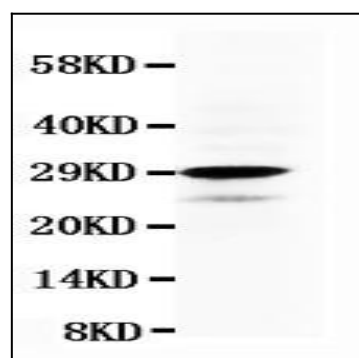


Figure 1: Anti-Calretinin antibody(39-2029). Western blotting: HELA Cell Lysate.

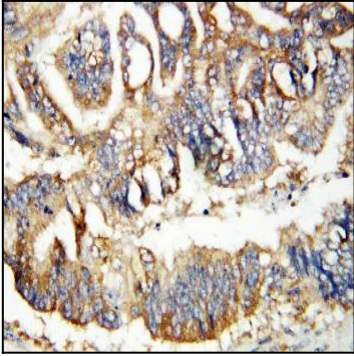


Figure 2: Anti-Calretinin antibody(39-2029). IHC(P): Human Rectal Cancer Tissue.