

## 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   |
| lsotype :             | Rabbit IgG   |
| Immunogen Information | A synthetic peptide corresponding to a sequence at the N-terminus of human<br>Calretinin(4-18aa PQQQPPYLHLAELTA), 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 :<br>Purification : | 100 μg/vial<br>Immunogen affinity purified.  |
|----------------------------|--|
| Content :                  | Each vial contains 50% glycerol, 0.9mg NaCl, 0.2mg Na2HPO4. Carrier free (No BSA) form available in stock. |
| Storage condition :        | At -20 $^\circ$ C for one year, at 4 $^\circ$ C for one month. Avoid repeated freezing and thawing.        |

### **Application Note**

Western blot : 0.1-0.5Ã Â<sup>1</sup>/<sub>4</sub>g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1Ã Â<sup>1</sup>/<sub>4</sub>g/ml



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

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