

For Research Use Only

CARD11 Polyclonal antibody

Catalog Number: 28483-1-AP **1 Publications**



Basic Information

Catalog Number: 28483-1-AP	GenBank Accession Number: BC111719	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84433	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BXL7	
Isotype: IgG	Full Name: caspase recruitment domain family, member 11	
Immunogen Catalog Number: AG29355	Calculated MW: 1154 aa, 133 kDa	
	Observed MW: 140-145 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : K-562 cells, Raji cells
Cited Applications: WB	IHC : human colon cancer tissue, human spleen tissue
Species Specificity: Human	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

CARD11 also named as BIMP3 or CARMA1, is a 1154 amino acid protein, which contains one PDZ domain, one guanylate kinase-like domain, and one CARD domain. CARD11 localizes in the cytoplasm and co-localized with DPP4 in membrane raft. CARD11 is detected in adult peripheral blood leukocytes, thymus, spleen and liver. CARD11 also is found in CARD11 promyelocytic leukemia HL-60 cells, chronic myelogenous leukemia K-562 cells, Burkitt's lymphoma Raji cells and colorectal adenocarcinoma SW480 cells. CARD11 is involved in the co-stimulatory signal essential for T-cell receptor mediated T-cell activation.

Notable Publications

Author	Pubmed ID	Journal	Application
Yongsheng Huang	38504382	J Pathol Clin Res	WB

Storage

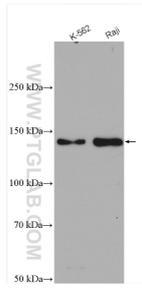
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

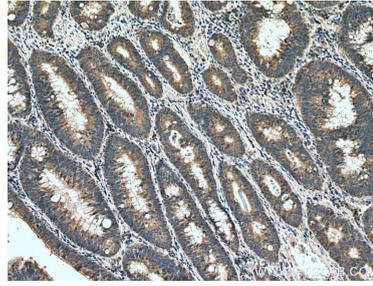
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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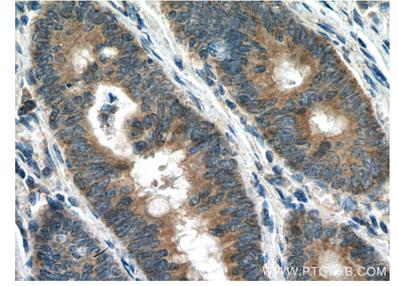
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28483-1-AP (CARD11 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28483-1-AP (CARD11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28483-1-AP (CARD11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).