For Research Use Only

CARD9 Polyclonal antibody

Catalog Number:10669-1-AP Featured Product 11 Publications

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Basic Information

Catalog Number:
10669-1-AP

Size:
350 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1057

GenBank Accession Number:
BC008877

GeneID (NCBI):
64170

UNIPROT ID:
Q9H257

Full Name:
caspase recruitment domain family, member 9

Calculated MW:
62 kDa

Observed MW:
50-59 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Positive Controls:

WB : HL-60 cells, PC-3 cells

Background Information

CARD9, a member of the caspase recruitment domain (CARD) protein family, plays an important regulatory role in cell apoptosis. Defects in CARD9 are the cause of familial candidiasis type 2 (CANDF2) characterized by impaired clearance of fungal infections and results in colonization and infections of the mucosa or skin, predominantly with Candida albicans. CARD9 is highly expressed in spleen and regulate activation of NF-kappa-B by interaction with postive regulator of apoptosis BCL10 via the CARD domain.

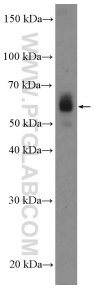
Notable Publications

Author	Pubmed ID	Journal	Application
Carlos A Arango-Franco	30264381	J Clin Immunol	WB
Nikolaus Rieber	27777981	JCI Insight	WB
Xinyan Wu	34721438	Front Immunol	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

Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 10669-1-AP (CARD9 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.