German Research Products - GRP GmbH

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Product Datasheet

CARD4 Polyclonal Antibody GRP582

Description Enhances caspase-9-mediated apoptosis. Induces NF-kappa-B

activity via RIPK2 and IKK-gamma. Confers responsiveness to intracellular bacterial lipopolysaccharides (LPS). Forms an intracellular sensing system along with ARHGEF2 for the

detection of microbial effectors during cell invasion by pathogens. Required for RHOA and RIPK2 dependent NF-kappa-B signaling pathway activation upon S.flexneri cell invasion. Involved not only in sensing peptidoglycan (PGN)-derived muropeptides but also in the activation of NF-kappa-B by Shigella effector proteins IpgB2 and OspB. Recruits NLRP10 to the cell membrane following

bacterial infection.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human CARD4

(public_immunogen_range: 64-105/953)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

Note For research use only.

Isotype IgG

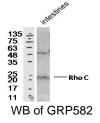
Clonality Polyclonal

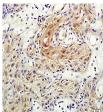
Purity Purified by Protein A.

Uniprot ID Q9Y239

Entrez 10392

Dilution Range WB: 1:300-1000, IHC-P: 1:200-400





IHC-P of GRP582