

bs-7083R**[Primary Antibody]****CARD14 Rabbit pAb****BioSS**
ANTIBODIES

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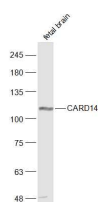
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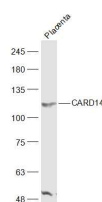
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— DATASHEET —

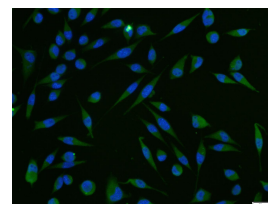
Host: Rabbit Clonality: Polyclonal GeneID: 79092 Target: CARD14 Immunogen: KLH conjugated synthetic peptide derived from human CARD14: 1-100/1004. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein shares a similar domain structure with CARD11 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. Two alternatively spliced variants of this gene encoding distinct isoforms have been reported.	Isotype: IgG SWISS: Q9BXL6 Applications: WB (1:500-2000) ICC/IF (1:100) Reactivity: Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 113 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Fetal brain (Mouse) Lysate at 40 ug
 Primary: Anti-CARD14 (bs-7083R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 113 kD
 Observed band size: 113 kD



Sample: Placenta (Mouse) Lysate at 40 ug
 Primary: Anti-CARD14 (bs-7083R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 113 kD
 Observed band size: 113 kD



A431 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CARD14) polyclonal Antibody, Unconjugated (bs-7083R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.