

bs-7084R**[Primary Antibody]****CARD15/NOD2 Rabbit pAb****BioSS**
ANTIBODIES

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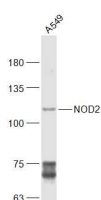
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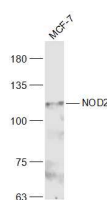
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 64127 Target: CARD15/NOD2 Immunogen: KLH conjugated synthetic peptide derived from human CARD15: 251-350/1040. 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: Defects in NOD2 are the cause of sarcoidosis early-onset (EOS) . EOS is a form of sarcoidosis manifesting in children younger than 4 years of age. Sarcoidosis is an idiopathic, systemic, inflammatory disease characterized by the formation of immune granulomas in involved organs. Granulomas predominantly invade the lungs and the lymphatic system, but also skin, liver, spleen, eyes and other organs may be involved. Early-onset sarcoidosis is quite rare and has a distinct triad of skin, joint and eye disorders, without apparent pulmonary involvement. Compared with an asymptomatic and sometimes naturally disappearing course of the disease in older children, early-onset sarcoidosis is progressive and in many cases causes severe complications, such as blindness, joint destruction and visceral involvement.	Isotype: IgG SWISS: Q9HC29 Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 114 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: A549(Human) Cell Lysate at 30 ug
MCF-7(Human) Cell Lysate at 30 ug Primary:
Anti-NOD2 (bs-7084R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 114 kD
Observed band size: 114 kD



Sample: MCF-7(Human) Cell Lysate at 30 ug
Primary: Anti-NOD2 (bs-7084R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 114 kD
Observed band size: 114 kD

— SELECTED CITATIONS —

- **[IF=6.208]** Lan Yang. et al. Lactobacillusjohnsonii L531 Protects against Salmonella Infantis-Induced Intestinal Damage by Regulating the NOD Activation, Endoplasmic Reticulum Stress, and Autophagy. INT J MOL SCI. 2022 Jan;23(18):10395 WB ;Pig, Human. 36142312