bs-20269R **[Primary Antibody]**

Cytohesin 3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 9265 **SWISS:** O43739

Target: Cytohesin 3

Immunogen: KLH conjugated synthetic peptide derived from human Cytohesin 3: 301-400/400.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1. [provided by RefSeq, Jul 2008]

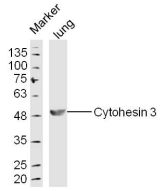
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Sheep, Cow, Horse)

Predicted MW.: 46 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Protein: lung(mouse) lyates at 40ug; Primary: Rabbit Anti-Cytohesin 3(bs-20269R) at 1:300; Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:46 kD Observed band size:48 kD

SELECTED CITATIONS

- **[IF=4.192]** Chaochao Luo. et al. Glutamine Regulates Cell Growth and Casein Synthesis through the CYTHs/ARFGAP1-Arf1-mTORC1 Pathway in Bovine Mammary Epithelial Cells. J Agr Food Chem. 2021;XXXX(XXX):XXX-XXX WB ;Bovine. 34096300