

bs-6707R**[Primary Antibody]**

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PSCD1/Cytohesin 1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow, Chicken, Dog, Horse) Predicted MW.: 44 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 9267	SWISS: Q15438	
Target: PSCD1/Cytohesin 1		
Immunogen: KLH conjugated synthetic peptide derived from human PSCD1: 321-398/398.		
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: Cytohesin 1 is a member of the PSCD family. Members of this family 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. Cytohesin 1 is highly expressed in natural killer and peripheral T cells, and regulates the adhesiveness of integrins at the plasma membrane of lymphocytes. The encoded protein is 83% homologous to that of CYTH2.		

— 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