

bs-10631R**[Primary Antibody]****GRP Rabbit pAb**

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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 29094**SWISS:** Q3ZCW2**Target:** GRP**Immunogen:** KLH conjugated synthetic peptide derived from human GRP: 1-100/172.**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:** Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and also play a role in tumor progression, pre-mRNA splicing and apoptosis. The Galectin-related protein (GRP), also designated HSPC159, is a 172 amino acid protein that contains one galectin domain. However, HSPC159 does not appear to bind carbohydrates or lactose because the critical residues required for binding are not conserved. The gene encoding HSPC159 maps to human chromosome 2, which consists of 237 million bases and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2, including Harlequin ichthyosis, sitosterolemia and Alström syndrome.**Applications:** **IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**ICC/IF** (1:100-500)**ELISA** (1:5000-10000)**Reactivity:** (predicted: Human, Mouse, Rat, Rabbit, Pig, Dog, Horse)**Subcellular Location:** Extracellular matrix