

bs-7549R**[Primary Antibody]****GAS 6 Rabbit pAb****BioSS**
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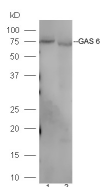
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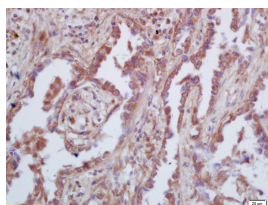
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2621 Target: GAS 6 Immunogen: KLH conjugated synthetic peptide derived from human GAS 6: 551-650/721. 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: GAS 6 is a ligand for the tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS 6 regulates chondrogenic differentiation from mesenchymal cells and also plays a role in thrombosis by amplifying platelet aggregation and secretion in response to known agonists. It is over expressed in human gliomas and regulate the phagocytic function of sertoli cells.	Isotype: IgG SWISS: Q14393	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 76 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Liver (Mouse) Lysate at 40 ug Kidney (Mouse) Lysate at 40 ug Primary: Anti-GAS 6 (bs-7549R) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 76 kD Observed band size: 76 kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-GAS6 Polyclonal Antibody, Unconjugated(bs-7549R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=8.322]** Zhou, Hang. et al. AXL kinase-mediated astrocytic phagocytosis modulates outcomes of traumatic brain injury. J Neuroinflamm. 2021 Dec;18(1):1-17 WB,IF ;Mouse. 34233703
- **[IF=6.684]** Shanyu Fang. et al. NTNG1 Modulates Cisplatin Resistance in Epithelial Ovarian Cancer Cells via the GAS6/AXL/Akt Pathway. Front Cell Dev Biol. 2021; 9: 652325 WB ;Human. 34277602
- **[IF=5.882]** Wangrui Lei. et al. Psoralidin protects against cerebral hypoxia/reoxygenation injury: Role of GAS6/Axl signaling. PHYTOTHER RES. 2022 May 18 WB ;Human,Mouse. 35583809
- **[IF=5.6]** Xiaoyue Guan. et al. The Role of Macrophage Efferocytosis in the Pathogenesis of Apical Periodontitis. INT J

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

MOL SCI. 2024 Jan;25(7):3854 IHC,IF ;Human. 38612664

- **[IF=4.025]** Dai Jing-Cong. et al. GAS6-mediated dialogue between decidual stromal cells and macrophages is essential for early pregnancy maintenance by inducing M2-like polarization and cell proliferation of decidual macrophages. Mol Hum Reprod. 2022 Mar;28(3): IHC ;Human. 35258594