
GAS 6 Rabbit pAb

Catalog Number: bs-7549R

Target Protein: GAS 6

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Entrez Gene: 2621

Swiss Prot: Q14393

Source: KLH conjugated synthetic peptide derived from human GAS 6: 551-650/721.

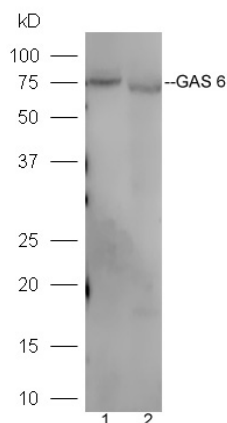
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

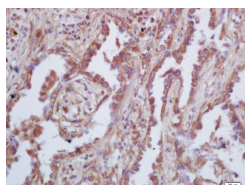
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

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

PRODUCT SPECIFIC PUBLICATIONS

[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 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