bs-11018R **[Primary Antibody]**

GALNT14 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 79623 **SWISS:** Q96FL9

Target: GALNT14

Immunogen: KLH conjugated synthetic peptide derived from human GALNT14: 101-200/552.

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: This gene encodes a Golgi protein which is a member of the polypeptide N-acetylgalactosaminyltransferase (ppGalNAc-Ts) protein family. These enzymes catalyze the transfer of N-acetyl-D-galactosamine (GalNAc) to the hydroxyl groups on serines and threonines in target peptides. The encoded protein has been shown to transfer GalNAc to large proteins like mucins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011].

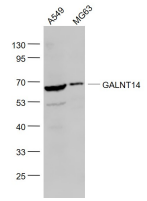
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW.: 64 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: A549(Human) Cell Lysate at 30 ug
MG63(Human) Cell Lysate at 30 ug Primary: Anti-GALNT14 (bs-11018R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kD
Observed band size: 66 kD

SELECTED CITATIONS

- **[IF=7.7]** Zhen Tang. et al.Integrated analysis of multiple programmed cell death-related prognostic genes and functional validation of apoptosis-related genes in osteosarcoma..International Journal of Biological Macromolecules.2025 Mar 13;307(Pt 3):142113. Western blot,Co-ip ;Human. 40089239
- **[IF=4.8]** Ting Hong. et al. Exosomal circBBS2 inhibits ferroptosis by targeting miR-494 to activate SLC7A11 signaling in ischemic stroke. FASEB J. 2023 Aug;37(9):e23152 WB ;Human. 37603538
- **[IF=3.071]** Shan et al. GALNT14 Involves the Regulation of Multidrug Resistance in Breast Cancer Cells. (2018) Transl.Oncol. 11:786-793 IHC ;Human. 29702465
- **[IF=2.33]** Yang, Juan, Guiyuan Li, and Keqiang Zhang. "Pro-survival effects by NF-κB, Akt and ERK (1/2) and anti-apoptosis actions by Six1 disrupt apoptotic functions of TRAIL-Dr4/5 pathway in ovarian cancer." Biomedicine & Pharmacotherapy 84 (2016): 1078-1087. WB ;="Human". 27780136