

bs-2641R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

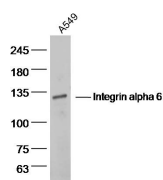
sales@bioss.com.cn

techsupport@bioss.com.cn

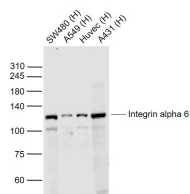
400-901-9800

Integrin alpha 6 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 3655 Target: Integrin alpha 6 Immunogen: KLH conjugated synthetic peptide derived from human Integrin alpha 6: 1031-1130/1130. < Cytoplasmic > 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: The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 6 subunit. This subunit may associate with a beta 1 or beta 4 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. The alpha 6 beta 4 integrin may promote tumorigenesis, while the alpha 6 beta 1 integrin may negatively regulate erbB2/HER2 signaling. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]	Isotype: IgG SWISS: P23229 Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Cow, Chicken) Predicted MW.: 21/124 kDa Subcellular Location: Cell membrane
---	---

— VALIDATION IMAGES —

Sample: A549 Cell (Human) Lysate at 40 ug
 Primary: Anti-Integrin alpha 6 (bs-2641R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21/124 kD Observed band size: 130 kD



Sample: Lane 1: SW480 (Human) Cell Lysate at 30 ug Lane 2: A549 (Human) Cell Lysate at 30 ug Lane 3: Huvec (Human) Cell Lysate at 30 ug Lane 4: A431 (Human) Cell Lysate at 30 ug Primary: Anti-Integrin alpha 6 (bs-2641R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 120 kD Observed band size: 115 kD

— SELECTED CITATIONS —

- **[IF=17.694]** Bae, Eunhyung. et al. Integrin $\alpha 3 \beta 1$ promotes vessel formation of glioblastoma-associated endothelial cells through calcium-mediated macropinocytosis and lysosomal exocytosis. NAT COMMUN. 2022 Jul;13(1):1-15 IF ;Mouse. 35879332
- **[IF=6.217]** Wang L et al. Zoledronic acid inhibits the growth of cancer stem cell derived from cervical cancer cell by attenuating their stemness phenotype and inducing apoptosis and cell cycle arrest through the Erk1/2 and Akt pathways. J Exp Clin Cancer Res. 2019 Feb 21;38(1):93. IF, WB ;Human&Mouse. 30791957

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

- **[IF=3.26]** Niu, Zhiwei, et al. "Ras/ERK1/2 pathway regulates the self-renewal of dairy goat spermatogonia stem cells." *Reproduction* 149.5 (2015): 445-452. Other ;="Goat". 25820901
- **[IF=3.12]** Zheng, Liming, et al. "CD49f promotes proliferation of male dairy goat germline stem cells." *Cell Proliferation* (2016). WB ;="Goat". 26841372
- **[IF=2.81]** Torkamani, N., et al. "Epidermal Cells Expressing Putative Cell Markers in Nonglabrous Skin Existing in Direct Proximity with the Distal End of the Arrector Pili Muscle." *Stem Cells International* 2016 (2016). IHC ;="Mouse". 27375744