

**bs-11492R****[ Primary Antibody ]****UNC5B Rabbit pAb****BioSS**  
**ANTIBODIES**

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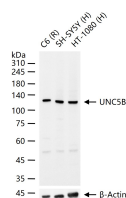
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 219699 <b>Target:</b> UNC5B <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human UNC5B: 188-260/945. < Extracellular > <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> This gene encodes a member of the netrin family of receptors. This particular protein mediates the repulsive effect of netrin-1 and is a vascular netrin receptor. This encoded protein is also in a group of proteins called dependence receptors (DpRs) which are involved in pro- and anti-apoptotic processes. Many DpRs are involved in embryogenesis and in cancer progression. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2011]	<b>Isotype:</b> IgG <b>SWISS:</b> Q8IZJ1	<b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Human, Rat (predicted: Mouse, Rabbit, Pig, Dog, Horse) <b>Predicted MW.:</b> 101 kDa <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with UNC5B polyclonal antibody, unconjugated (bs-11492R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

**— SELECTED CITATIONS —**

- **[IF=5.16]** Ding S et al. Macrophage-derived Netrin-1 participates in endometriosis-associated pain. Neurobiology of Disease.2019. IHC ;Human. doi:10.21203/rs.2.17387/v1
- **[IF=4.831]** Shijie Wu. et al. High expression of UNC5B enhances tumor proliferation, increases metastasis, and worsens prognosis in breast cancer. Aging-U.S. 2020 Sep 15; 12(17): 17079–17098 WB ;Human. 32902412
- **[IF=3.297]** Shaojie Ding. et al. Macrophage-derived netrin-1 contributes to endometriosis-associated pain. Ann Transl Med. 2021 Jan; 9(1): 29 IHC ;Human. 33553322
- **[IF=1.49]** Ko CL et al. Netrin-1 Dampens Hypobaric Hypoxia-Induced Lung Injury in Mice. High Alt Med Biol. 2019 Jul 22. IF ;Mouse. 31329475