

bs-11606R**[Primary Antibody]****TWSG1 Rabbit pAb**

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— DATASHEET —

| | | |
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| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Dog) Predicted MW.: 22 kDa Subcellular Location: Secreted |
| Clonality: Polyclonal | | |
| GeneID: 57045 | SWISS: Q9GZX9 | |
| Target: TWSG1 | | |
| Immunogen: KLH conjugated synthetic peptide derived from human TWSG1: 151-223/223. | | |
| 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: Twisted Gastrulation Protein 1(TWSG1) is a secreted BMP binding protein structurally related to the BMP antagonists Chordin and Noggin. TSG can inhibit BMP activity by binding directly to BMP proteins thereby preventing BMPs from binding to their receptors. It can act either as a BMP4 agonist or antagonist (depending on the specific biochemical environment) by binding to the BMP4/Chordin complex. | | |

— SELECTED CITATIONS —

- **[IF=1.394]** Liu Zhuohang. et al. Twisted gastrulation signaling modulator 1 promotes the ability of glioma cell through activating Akt pathway. Neuroreport. 2021 Feb;32(3):198-205 IHC ;Human. 33534374