bs-1700R **[Primary Antibody]**

Wnt3a Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 89780 **SWISS:** P56704

Target: Wnt3a

Immunogen: KLH conjugated synthetic peptide derived from human Wnt3a: 281-352/352.

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 WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq, Jul 2008]

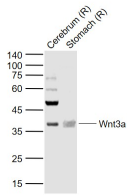
Applications: **WB** (1:500-2000)

Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Sheep, Cow, Dog)

Predicted MW.: 37 kDa

Subcellular Location: Secreted ,Extracellular matrix

VALIDATION IMAGES



Sample: Lane 1: Cerebrum (Rat) Lysate at 40 ug
Lane 2: Stomach (Rat) Lysate at 40 ug Primary: Anti-Wnt3a (bs-1700R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD
Observed band size: 39 kD

SELECTED CITATIONS

- **[IF=13.273]** Xinkun Shen. et al. Improvement of aqueous stability and anti-osteoporosis properties of Zn-MOF coatings on titanium implants by hydrophobic raloxifene. Chem Eng J. 2021 Oct;:133094 WB ;Mouse. 10.1016/j.cej.2021.133094
- **[IF=13.12]** Böscke, Robert, et al. "Wnt Signaling in Chronic Rhinosinusitis with Nasal Polyps." American Journal of Respiratory Cell and Molecular Biology ja (2017). ICC ;="Human". 28059551
- **[IF=5.97]** Sun et al. miR-491-5p, mediated by Foxi1, functions as a tumor suppressor by targeting Wnt3a/β-catenin signaling in the development of gastric cancer. (2017) Cell.Death.Dis. 8:e2714 IHC,WB ;Human. 28358374
- **[IF=4.6]** Ippei Horibe. et al. Acquired curved hair is caused by fusion of multiple hair matrix cells. J DERMATOL SCI. 2024 Feb;: IHC ;Human. 38431439
- **[IF=4.486]** Xu T et al. MicroRNA‐708 modulates Hepatic Stellate Cells activation and enhances extracellular matrix

accumulation via direct targeting TMEM88. J Cell Mol Med . 2020 Jul;24(13):7127-7140. WB ;Human. 32463570