bs-2162R **[Primary Antibody]**

DKK1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 22943 **SWISS:** O94907

Target: DKK1

Immunogen: KLH conjugated synthetic peptide derived from human DKK1: 201-266/266.

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 protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma. [provided by RefSeq, Jul 2008]

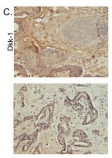
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Dog (predicted: Human, Mouse, Rat)

Predicted MW.: 29 kDa

Subcellular Location: Secreted

VALIDATION IMAGES



submitted by Dr. Magdalena Krol. Formalin-fixed and paraffin embedded canine mammary tumor labeled with Rabbit Anti-DKK1 Polyclonal Antibody, Unconjugated (bs-2162R) at 1:200 followed by conjugation to the secondary antibody and DAB staining

SELECTED CITATIONS

- **[IF=4.9]** Duan, Hongying, et al. "TET1 inhibits EMT of ovarian cancer cells through activating Wnt/β-catenin signaling inhibitors DKK1 and SFRP2." Gynecologic Oncology (2017). WB ;="Human". 28851501
- **[IF=4.556]** Elena E. Pakhomova. et al. Comparative Evaluation of the Clinical Efficacy of PRP-Therapy, Minoxidil, and Their Combination with Immunohistochemical Study of the Dynamics of Cell Proliferation in the Treatment of Men with Androgenetic Alopecia. Int J Mol Sci. 2020 Jan;21(18):6516 IHC ;Human. 32899959
- **[IF=3.31]** Król, Magdalena, et al. "Macrophages Mediate a Switch between Canonical and Non-Canonical Wnt Pathways in Canine Mammary Tumors." PloS one 9.1 (2014): e83995. WB ;="Dog". 24404146
- **[IF=1.03]** Lu, Juan, et al. "Expression of Wnt3a, Wnt10b, β-catenin and DKK1 in periodontium during orthodontic tooth movement in rats." Acta Odontologica Scandinavica (2015): 1-7. IHC ;="Rat". 26414930
- **[IF=1.257]** Hai Zhao. et al. Oxidative stress caused by a dysregulated Wnt/β-catenin signalling pathway is involved in abnormal placenta formation in pregnant mice with chronic fatigue syndrome. Zygote. 2020 Oct;:1-8 WB,IHC ;Mouse.

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