Product datasheet

Anti-DKK1 Antibody

Catalog Number: *A00632-3*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-DKK1 Antibody
Gene Name	DKK1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	IHC, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived mouse Dkk1 recombinant protein (Position: N73-H272).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	ELISA: 1:100-1000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

DKK1, Dickkopf-related protein 1, is a protein that in humans is encoded by the DKK1 gene. This gene encodes a protein that is a member of the dickkopf family. By genomic sequence analysis, determined that the DKK1 gene contains 4 exons. The DKK1 gene is mapped to 10q11.2 using FISH. 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.

Selected Validation Data

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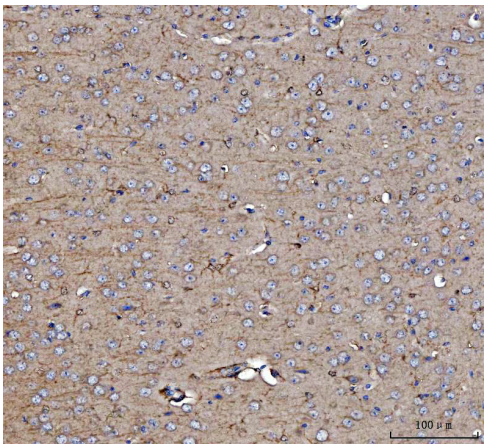

IHC analysis of DKK1 using anti-DKK1 antibody (A00632-3).
DKK1 was detected in a paraffin-embedded section of mouse brain tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-DKK1 Antibody (A00632-3) at a dilution of 1:200 and developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.