

Rabbit anti-Mouse, Rat Dkk1 Polyclonal Antibody | anti-DKK1 antibody

Anti-Dkk1 Antibody Picoband

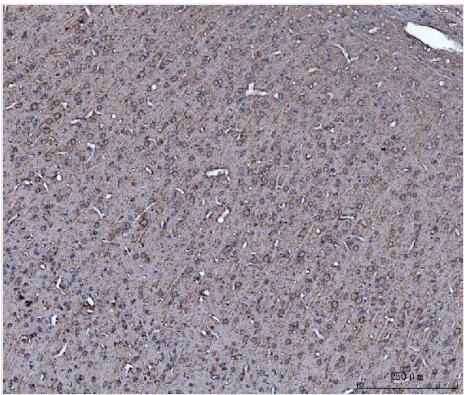
CATALOG # AAA126049	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

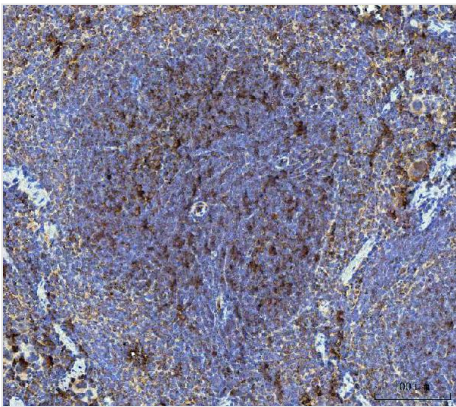
Dkk1; Polyclonal Antibody; Anti-Dkk1 Antibody Picoband; anti-DKK1 antibody

PRODUCT SPECIFICATIONS

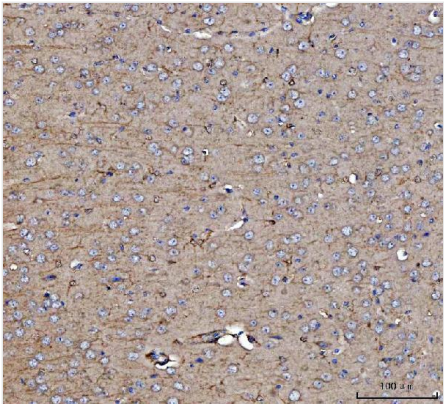
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-DKK1 antibody	ELISA, IHC (Immunohistochemistry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived mouse Dkk1 recombinant protein (Position: N73-H272).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



IHC (Immunohistochemisry)
Figure 3. IHC analysis of Dkk1 using anti-Dkk1 antibody (AAA126049).Dkk1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Dkk1 Antibody (AAA126049) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohiostchemistry)
Figure 2. IHC analysis of Dkk1 using anti-Dkk1 antibody (AAA126049).Dkk1 was detected in a paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Dkk1 Antibody (AAA126049) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)
Figure 1. IHC analysis of Dkk1 using anti-Dkk1 antibody (AAA126049).Dkk1 was detected in a paraffin-embedded section of mouse brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-Dkk1 Antibody (AAA126049) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-DKK1 antibody	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.
Product Categories/Family for anti-DKK1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	408360053
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NCBI GeneID	13380
UniProt Accession #	O54908; Q80UL5
Molecular Weight	29,298 Da
NCBI Official Full Name	Dickkopf-related protein 1
NCBI Official Synonym Full Names	dickkopf homolog 1 (Xenopus laevis)
NCBI Official Symbol	Dkk1
NCBI Official Synonym Symbols	mdkk-1
NCBI Protein Information	dickkopf-related protein 1; dkk-1; dickkopf-1; dickkopf-like protein 1
UniProt Protein Name	Dickkopf-related protein 1
UniProt Gene Name	Dkk1
UniProt Synonym Gene Names	Dickkopf-1; Dkk-1; mDkk-1
UniProt Entry Name	DKK1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dkk1-antibody-immunohistochemistry-elisa/126049>