

Rabbit DKK2 Polyclonal Antibody | anti-DKK2 antibody

DKK2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283839	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

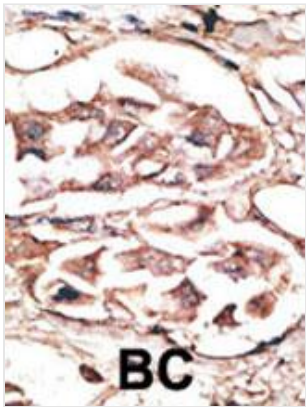
PRODUCT SYNONYMS

DKK2; Polyclonal Antibody; DKK2 Antibody (C-term); Dickkopf-related protein 2; Dickkopf-2; Dkk-2; hDkk-2; anti-DKK2 antibody

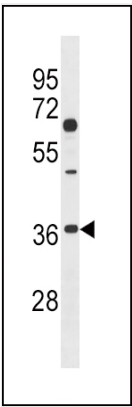
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DKK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-251 amino acids from the C-terminal region of human DKK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	225-251
Sequence Length	259
Applicable Applications for anti-DKK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
DKK2 Antibody (C239) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the DKK2 antibody detected the DKK2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DKK2 antibody	The 259-amino acid DKK2 protein, like DKK1, DKK3, and DKK4, possesses an N-terminal signal peptide and 2 conserved cysteine-rich domains, which are separated by a linker region and contain 10 cys residues each. The second cys region has a putative lipid-binding function that may facilitate WNT/DKK interactions at the plasma membrane. The linker region contains 50 to 55 amino acids in DKK1, DKK2, and DKK4, whereas in DKK3 it contains only 12 amino acids. All DKKs have several potential sites for cleavage by furin-type proteases. Northern blot analysis revealed expression of 4.0- and 4.5-kb DKK2 transcripts in heart, brain, skeletal muscle, and lung. Western blot analysis showed that DKK2 is secreted as a 15- to 17-kD protein. Functional analysis determined that DKK2 does not block Xenopus Wnt8 induction of a secondary axis in frog embryos.
Product Categories/Family for anti-DKK2 antibody	Signal Transduction
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Brott, B.K., et al., Mol. Cell. Biol. 22(17):6100-6110 (2002). Krupnik, V.E., et al., Gene 238(2):301-313 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657023
NCBI GeneID	27123
NCBI Accession #	NP_055236.1
NCBI GenBank Nucleotide #	NM_014421.2
UniProt Accession #	Q9UBU2; Q9UIU3; A0AVE9; B2R6S7
Molecular Weight	28447
NCBI Official Full Name	dickkopf-related protein 2
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 2
NCBI Official Symbol	DKK2
NCBI Official Synonym Symbols	DKK-2
NCBI Protein Information	dickkopf-related protein 2
UniProt Protein Name	Dickkopf-related protein 2

UniProt Gene Name	DKK2
UniProt Synonym Gene Names	Dickkopf-2; Dkk-2; hDkk-2
UniProt Entry Name	DKK2_HUMAN

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://stage.aaabiotech.com/polyclonal/dkk2-antibody-immunohistochemistry-western-blot-elisa/283839>