

Rabbit anti-Human, mouse DKK1 Polyclonal Antibody | anti-DKK1 antibody

DKK1 Antibody

CATALOG # AAA285067	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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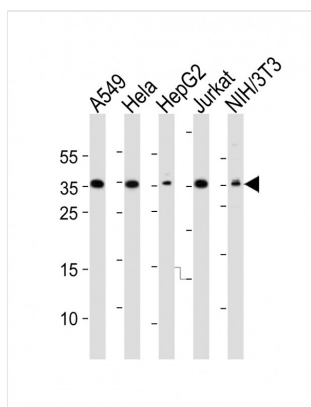
PRODUCT SYNONYMS

DKK1; Polyclonal Antibody; DKK1 Antibody; Dickkopf-related protein 1; Dickkopf-1; Dkk-1; hDkk-1; SK; anti-DKK1 antibody

PRODUCT SPECIFICATIONS

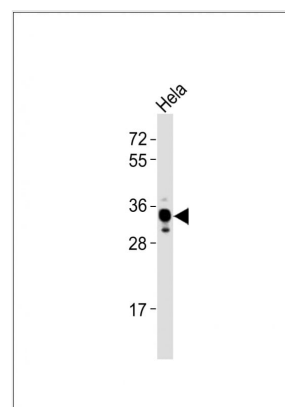
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DKK1 antibody is generated from a rabbit immunized with a recombinant protein of human DKK1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS 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 Length	266
Applicable Applications for anti-DKK1 antibody	ELISA, WB (Western Blot)
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



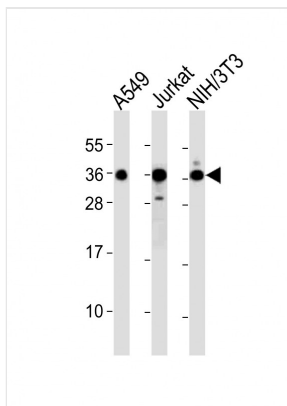
WB (Western Blot)

Western blot analysis of lysates from A549, HeLa, HepG2, Jurkat, mouse NIH/3T3 cell line (from left to right), using DKK1 Antibody. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



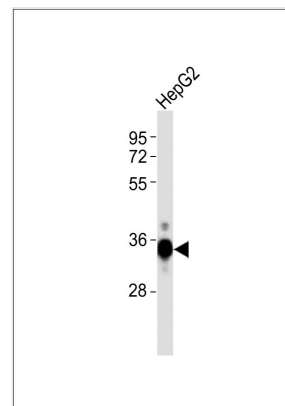
WB (Western Blot)

Anti-DKK1 Antibody at 1:4000 dilution + HeLa whole cell lysates. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

All lanes : Anti-DKK1 Antibody at 1:2000 dilution
 Lane 1: A549 whole cell lysates
 Lane 2: Jurkat whole cell lysates
 Lane 3: NIH/3T3 whole cell lysates
 Lysates/proteins at 20 ug per lane.
 Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
 Predicted band size : 29 kDa
 Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-DKK1 Antibody at 1:1000 dilution + HepG2 whole cell lysates
 Lysates/proteins at 20 ug per lane.
 Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
 Predicted band size : 29 kDa
 Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-DKK1 antibody	Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero- posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.
Product Categories/Family for anti-DKK1 antibody	Cardiovascular ; Developmental Biology ; Neuroscience ; Signal Transduction ; Stem Cells
References	Fedi P.,et al.J. Biol. Chem. 274:19465-19472(1999). Krupnik V.E.,et al.Gene 238:301-313(1999). Tate G.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases. Roessler E.,et al.Cytogenet. Cell Genet. 89:220-224(2000). Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7110719
NCBI GeneID	22943
NCBI Accession #	NP_036374.1
NCBI GenBank Nucleotide #	NM_012242.2
UniProt Accession #	O94907; B2RC19
Molecular Weight	28672
NCBI Official Full Name	dickkopf-related protein 1
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 1
NCBI Official Symbol	DKK1
NCBI Official Synonym Symbols	SK; DKK-1
NCBI Protein Information	dickkopf-related protein 1
UniProt Protein Name	Dickkopf-related protein 1
UniProt Gene Name	DKK1
UniProt Synonym Gene Names	Dickkopf-1; Dkk-1; hDkk-1

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-western-blot-elisa/285067>