

DKK3 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16222**Specification**

DKK3 Antibody - Product Information

Application	IHC, WB
Primary Accession	Q9UBP4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

DKK3 Antibody - Additional Information**Gene ID** 27122**Other Names**

Dickkopf-related protein 3, Dickkopf-3, Dkk-3, hDkk-3, DKK3, REIC

Target/Specificity

Human DKK3

Reconstitution & Storage

Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.

Precautions

DKK3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DKK3 Antibody - Protein Information**Name** DKK3**Synonyms** REIC**Function**

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 (By similarity).

Cellular Location

Secreted.

Tissue Location

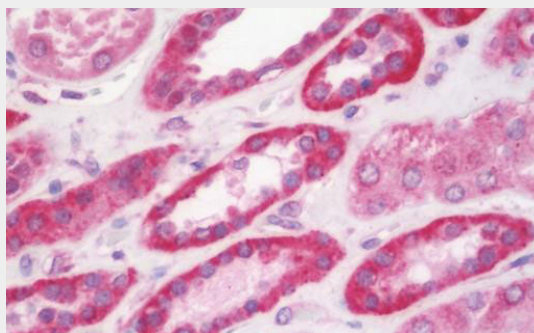
Highest expression in heart, brain, and spinal cord. {ECO:0000269|PubMed:10570958,

ECO:0000269|Ref.4}

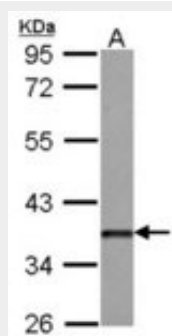
Volume
50 µl**DKK3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DKK3 Antibody - Images

Anti-DKK3 antibody IHC staining of human kidney.



Sample (30 ug of whole cell lysate) A: 293T 10% SDS PAGE DKK3 antibody diluted at 1:1000

DKK3 Antibody - Background

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DKK3 Antibody - References

Krupnik V.E.,et al.Gene 238:301-313(1999).
Tsuji T.,et al.Biochem. Biophys. Res. Commun. 268:20-24(2000).
Kobayashi K.,et al.Gene 282:151-158(2002).
Tanaka S.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Tate G.,et al.Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.