



Rabbit Anti-DKK3 antibody

SL2686R

Product Name:	DKK3
Chinese Name:	抑癌蛋白DKK3抗体
Alias:	Dickkopf 3; Dickkopf homolog 3; Dickkopf related protein 3; Dickkopf related protein 3 Precursor; Dickkopf3; DKK 3; DKK3; hDkk 3; hDkk3; REIC; RIG-like 5-6; RIG-like 7-1; DKK3_HUMAN; Dickkopf 3 homolog (Xenopus laevis); Dickkopf homolog 3; Dickkopf-3; Dickkopf-related protein 3; Dkk-3; hDkk-3; Regulated in glioma; RIG.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DKK3:31-130/350
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Dickkopf 3, like DKK1, DKK2, and DKK4, possesses an N terminal signal peptide and 2 conserved cysteine rich domains, which are separated by a linker region and contain 10 cysteine residues each. The second cysteine 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.

Subunit:

Interacts with LRP5 and LRP6.

Subcellular Location:

Secreted.

Tissue Specificity:

Highest expression in heart, brain, and spinal cord.

Similarity:

Belongs to the dickkopf family.

SWISS:

Q9UBP4

Gene ID:

27122

Database links:

[Entrez Gene: 27122](#)Human

[NCBI: 40548393](#)Human

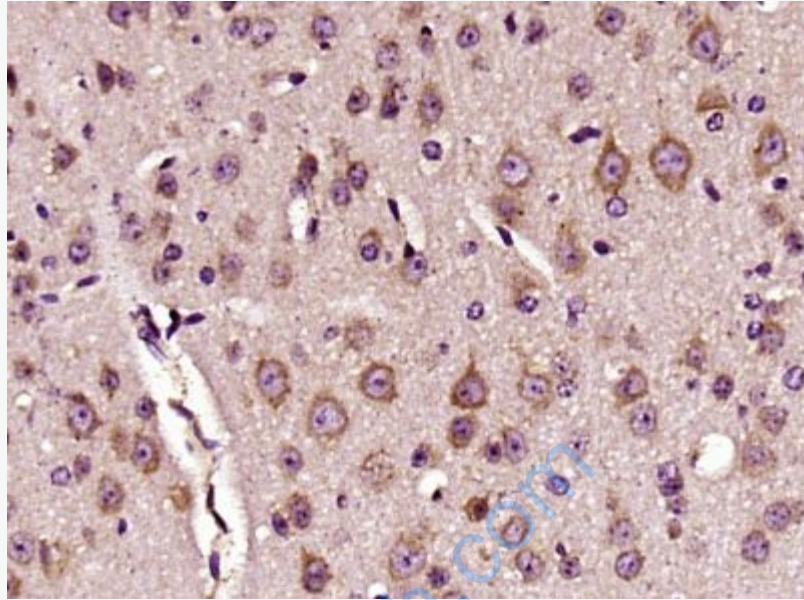
[Oimim: 605416](#)Human

[SwissProt: Q9UBP4](#)Human

[Unigene: 292156](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DKK3) Polyclonal Antibody, Unconjugated (SL2686R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.