

Datasheet for ABIN5532899
anti-DKK3 antibody (N-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	DKK3
Binding Specificity:	AA 15-45, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DKK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DKK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-45 amino acids from the N-terminal region of human DKK3.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DKK3
Abstract:	DKK3 Products
Background:	DKK3, 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

Target Details

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 wide expression of the DKK3 transcript, with highest expression in heart, brain, and spinal cord. In situ hybridization reveals highest expression in mouse brain, eye, and heart.

Molecular Weight: 38 kDa

Gene ID: 27122

UniProt: [Q9UBP4](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.45 mg/mL

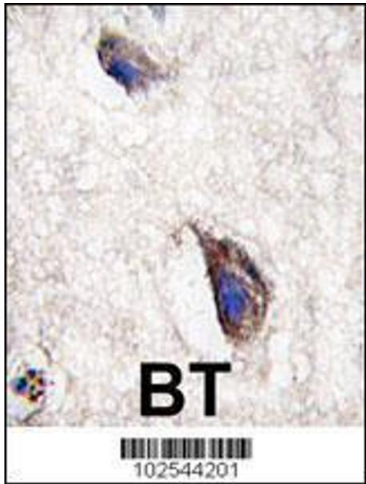
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

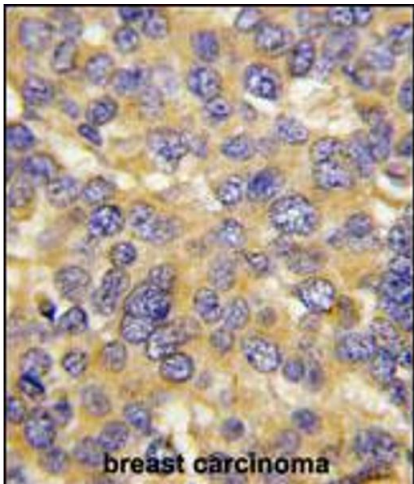
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



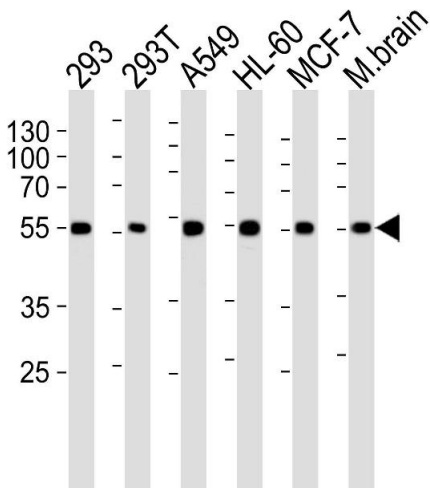
Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with DKK3 antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with DKK3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 3. Western blot analysis of lysates from 293, 293T, A549, HL-60, MCF-7 cell line and mouse brain tissue lysate (from left to right), using DKK3 Antibody (A30) at 1:1000 at each lane.