

Datasheet for ABIN544528
anti-DKK2 antibody (C-Term)[Go to Product page](#)[2 Images](#)[3 Publications](#)

Overview

Quantity:	400 µL
Target:	DKK2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DKK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of DKK2.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human DKK2.
Cross-Reactivity:	Human

Target Details

Target:	DKK2
Alternative Name:	Dickkopf-2 (DKK2) (DKK2 Products)
Gene ID:	27123
Pathways:	WNT Signaling

Application Details

Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % 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

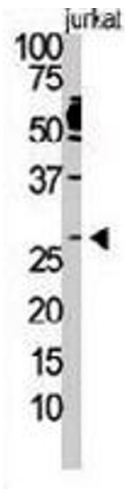
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Hauer, Calzada-Wack, Steiger, Grunewald, Baumhoer, Plehm, Buch, Prazeres da Costa, Esposito, Burdach, Richter: "DKK2 mediates osteolysis, invasiveness, and metastatic spread in Ewing sarcoma." in: **Cancer research**, Vol. 73, Issue 2, pp. 967-77, (2013) ([PubMed](#)).

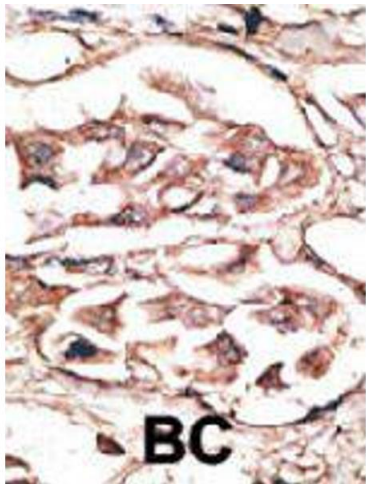
Clark, Gurney, Abaya, Baker, Baldwin, Brush, Chen, Chow, Chui, Crowley, Currell, Deuel, Dowd, Eaton, Foster, Grimaldi, Gu, Hass, Heldens, Huang, Kim, Klimowski, Jin, Johnson, Lee, Lewis, Liao, Mark et al.: "The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. ..." in: **Genome research**, Vol. 13, Issue 10, pp. 2265-70, (2003) ([PubMed](#)).

Brott, Sokol: "Regulation of Wnt/LRP signaling by distinct domains of Dickkopf proteins." in: **Molecular and cellular biology**, Vol. 22, Issue 17, pp. 6100-10, (2002) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of DKK2 polyclonal antibody in Jurkat cell lysate (35 ug/lane). DKK (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human cancer tissue reacted with DKK2 polyclonal 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.