



[Go to Product page](#)

Datasheet for ABIN524880

anti-DKK1 antibody (AA 1-266)

5 Images

6 Publications

Overview

Quantity:	100 µg
Target:	DKK1
Binding Specificity:	AA 1-266
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DKK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant DKK1.
Immunogen:	DKK1 (AAH01539.1, 1 a.a. ~ 266 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MMALGAAGAT RVSVMVAAA LGGHPLLGVS ATLNSVLNSN AIKNLPPPLG GAAGHPGSAV SAAPGILYPG GNKYQTIDNY QPYPCAEDEE CGTDEYCASP TRGGDAGVQI CLACRKRKR CMRHAMCCPG NYCKNGICVS SDQNHFRGEI EETITESFGN DHSTLDGYSR RTTLSSKMYH TTGQEGSVCL RSSDCASGLC CARHFWSKIC KPVLKGGQVC TKHRRKGSYG LEIFQRCYCG EGLSCRIQKD HHQASNSSL HTCQRH
Clone:	2A5
Isotype:	IgG2b

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	DKK1
Alternative Name:	DKK1 (DKK1 Products)
Background:	Full Gene Name: dickkopf homolog 1 (Xenopus laevis) Synonyms: DKK-1,SK
Gene ID:	22943
Pathways:	WNT Signaling , Regulation of Muscle Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Yi, Liao, Li, Xie, Hu, Yi, Liu: "RNA interference-mediated targeting of DKK1 gene expression in Ishikawa endometrial carcinoma cells causes increased tumor cell invasion and migration." in: Oncology letters , Vol. 6, Issue 3, pp. 756-762, (2013) (PubMed).
	Min, Lee, Kim, Park: "Genetic grouping of medulloblastomas by representative markers in pathologic diagnosis." in: Translational oncology , Vol. 6, Issue 3, pp. 265-72, (2013) (PubMed).
	Taylor, Northcott, Korshunov, Remke, Cho, Clifford, Eberhart, Parsons, Rutkowski, Gajjar, Ellison,

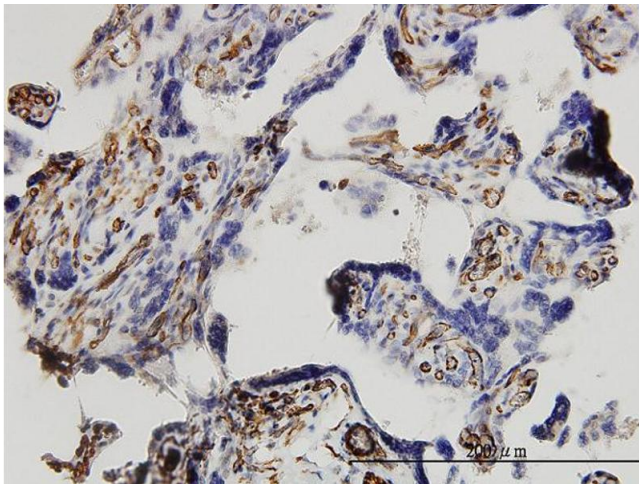
Lichter, Gilbertson, Pomeroy, Kool, Pfister: "Molecular subgroups of medulloblastoma: the current consensus." in: **Acta neuropathologica**, Vol. 123, Issue 4, pp. 465-72, (2012) ([PubMed](#)).

DAmelio, Roato, DAmico, Veneziano, Suman, Sassi, Bisignano, Ferracini, Gargiulo, Castoldi, Pescarmona, Isaia: "Bone and bone marrow pro-osteoclastogenic cytokines are up-regulated in osteoporosis fragility fractures." in: **Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA**, Vol. 22, Issue 11, pp. 2869-77, (2011) ([PubMed](#)).

Shin, Rho, Jung, Han, Oh, Kim: "Carbonic anhydrase IX (CA9) modulates tumor-associated cell migration and invasion." in: **Journal of cell science**, Vol. 124, Issue Pt 7, pp. 1077-87, (2011) ([PubMed](#)).

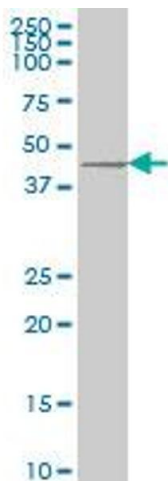
There are more publications referencing this product on: [Product page](#)

Images



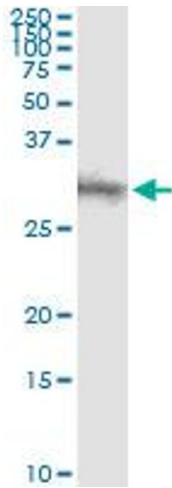
Immunostaining

Image 1. Immunoperoxidase of monoclonal antibody to DKK1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Western Blotting

Image 2. DKK1 monoclonal antibody (M11), clone 2A5 Western Blot analysis of DKK1 expression in U-2 OS .



Immunoprecipitation

Image 3. Immunoprecipitation of DKK1 transfected lysate using anti-DKK1 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with DKK1 MaxPab rabbit polyclonal antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN524880.