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Datasheet for ABIN185275 anti-DKK1 antibody (C-Term)

2 Images



Overview

Quantity:	100 µg
Target:	DKK1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DKK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	DKK1
Immunogen:	Peptide with sequence CDHHQASNSSRLHT, from the C Terminus of the protein sequence according to NP_036374.1.
Sequence:	CDHHQASNSS RLHT
lsotype:	lgG
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	DKK1
Alternative Name:	DKK1 (DKK1 Products)
Background:	DKK1, SK, DKK-1, dickkopf homolog 1 (Xenopus laevis), dickkopf-1 like, dickkopf (Xenopus laevis) homolog 1, dickkopf homolog 1, dickkopf related protein-1
Gene ID:	22943
NCBI Accession:	NP_036374
Pathways:	WNT Signaling, Regulation of Muscle Cell Differentiation, Positive Regulation of fat Cell Differentiation

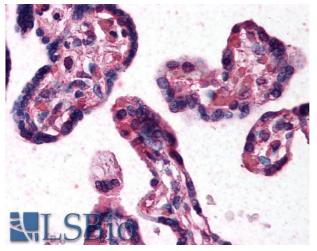
Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration:
	10 μg/mL.
	Western Blot: Approx 38 kDa band observed in Human Bone Marrow and Spleen lysates
	(calculated MW of 28.7 kDa according to NP_036374.1). The observed molecular weight
	corresponds to earlier findings in literature with different antibodies (Fedi et al, J Bio
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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Immunohistochemistry

Image 1. ABIN185275 (10µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Western Blotting

Image 2. ABIN185275 (1µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

250kDa 150kDa 100kDa 75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

10kDa

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