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Datasheet for ABIN184710
anti-DKK4 antibody (C-Term)

1 Image

Overview

Quantity:	100 µg
Target:	DKK4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DKK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DKK4
Immunogen:	Peptide with sequence RQHARLRVCQKIEKL, from the C Terminus of the protein sequence according to NP_055235.1.
Sequence:	RQHARLRVCQ KIEKL
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	DKK4
Alternative Name:	DKK4 (DKK4 Products)
Background:	DKK4, dickkopf homolog 4 (Xenopus laevis), DKK-4, hdck-4, Dickkopf gene 4, dickkopf (Xenopus laevis) homolog 4, MGC129562, MGC129563, dickkopf homolog 4
Gene ID:	27121
NCBI Accession:	NP_055235
Pathways:	WNT Signaling

Application Details

Application Notes:	Western Blot: Approx 30-35 kDa band seen in Jurkat lysate. Recommended for use at 1-3 μ g/mL. Please note that literature indicates DKK4 is detected as three major immunoreactive species of approx. 40 kDa [form (i)], 30-32 kDa [form (ii)] and 15-17 kDa [f Peptide ELISA: antibody detection limit dilution 1:32000.
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.



Western Blotting

Image 1. ABIN184710 staining (1 μ g/ml) of Jurkat lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.