

## Anti-DKK1 Antibody (4K388)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4K388
Purification:	Affinity-chromatography

## Applications

	Western Blot
	-Positive WB detected in: 293 whole cell lysate
Verified Activity:	-All lanes: DKK1 antibody at 1:1000
	-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
	-Predicted band size: 29 kDa
	-Observed band size: 38 kDa
Application:	ELISA,WB
Recommended	WB:1:500-1:5000.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthetic peptide: Human DKK1
Antigen Species:	Human
Gene ID:	22943
Uniprot ID:	O94907
Synonyms:	Dkk-1;hDkk-1;Dickkopf-related 1;SK;Dickkopf-1;Dkk1;hDkk1
Biology Area:	Cardiovascular, Developmental biology, Immunology, Stem cells

## Research Background

Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease. Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has anti-apoptotic activity.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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