



Anti-DKK1 (aa 81-180) polyclonal antibody (DPAB-DC1020)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.
Immunogen	DKK1 (NP_036374, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. The sequence is QPYPCAEEDEECGTDEYCASPTRGGDAGVQICLACRKRRCMRHAMCCPGNYCKNGICVS SDQNHFRGEIETITESFGNDHSTLDGYSRRTLSSKMYH
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DKK1 dickkopf WNT signaling pathway inhibitor 1 [Homo sapiens (human)]
Official Symbol	DKK1
Synonyms	DKK1; dickkopf WNT signaling pathway inhibitor 1; SK; DKK-1; dickkopf-related protein 1; hDkk-1; dickkopf-1 like; dickkopf 1 homolog; dickkopf-like protein 1; dickkopf related protein-1;
Entrez Gene ID	22943
Protein Refseq	NP_036374
UniProt ID	I1W660
Chromosome Location	10q11.2
Pathway	Cardiac Progenitor Differentiation; Presenilin action in Notch and Wnt signaling; Signal Transduction; TCF dependent signaling in response to WNT
Function	growth factor activity; low-density lipoprotein particle receptor binding; protein binding; receptor antagonist activity