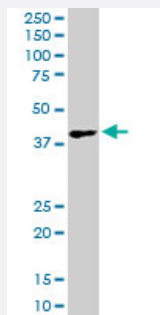


DKK1 polyclonal antibody

Catalog # PAB6672 Size 100 ug

Applications



Western Blot (Tissue lysate)

DKK1 polyclonal antibody (Cat # PAB6672) (1 ug/mL) staining of human bone marrow lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of DKK1.

Immunogen A synthetic peptide corresponding to human DKK1.

Sequence CDHHQASNSSLHT

Host Goat

Theoretical MW (kDa) 28.7

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
ELISA (1:128000)
Western Blot (1-3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — DKK1

Entrez GeneID	22943
Protein Accession#	NP_0.36374
Gene Name	DKK1
Gene Alias	DKK-1, SK
Gene Description	dickkopf homolog 1 (Xenopus laevis)
Omim ID	605189
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000019617 dickkopf homolog 1 dickkopf related protein-1 dickkopf-1 like

Publication Reference

- [Isolation and biochemical characterization of the human Dkk-1 homologue, a novel inhibitor of mammalian Wnt signaling.](#)

Fedi P, Bafico A, Nieto Soria A, Burgess WH, Miki T, Bottaro DP, Kraus MH, Aaronson SA.

The Journal of Biological Chemistry 1999 Jul; 274(27):19465.

Application: IP, WB-Ce, WB-Tr, Human, HEK 293, PA-1, SK-LMS-1, SK-OV-3 cells

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hip Fractures](#)
- [Kidney Failure](#)
- [Liver Diseases](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Spinal Fractures](#)