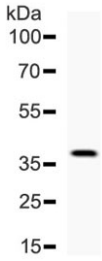
DKK1 Antibody (RQ4543)

Catalog No.	Formulation	Size
RQ4543	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O94907
Applications	Western blot: 0.5-1ug/ml



Western blot testing of recombinant human protein with DKK1 antibody. Predicted molecular weight: 26-40 kDa depending on glycosylation level.

Description

DKK1, Dickkopf-related protein 1, is a protein that in humans is encoded by the DKK1 gene. This gene encodes a protein that is a member of the dickkopf family. By genomic sequence analysis, determined that the DKK1 gene contains 4 exons. The DKK1 gene is mapped to 10q11.2 using FISH. 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.

Application Notes

Optimal dilution of the DKK1 antibody should be determined by the researcher.

Immunogen

Amino acids T32-H266 from the human protein were used as the immunogen for the DKK1 antibody.

Storage

After reconstitution, the DKK1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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