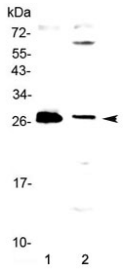
TWEAK Antibody / Tumor necrosis factor ligand superfamily member 12 (RQ4099)

Catalog No.	Formulation	Size
RQ4099	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	O43508
Applications	Western Blot: 0.5-1ug/ml
Limitations	This TWEAK antibody is available for research use only.



Western blot testing of human 1) MCF7 and 2) PANC-1 cell lysate with TWEAK antibody at 0.5ug/ml. Predicted molecular weight ~27 kDa.

Description

Tumor necrosis factor ligand superfamily member 12 also known as TNF-related weak inducer of apoptosis (TWEAK) is a protein that in humans is encoded by the TNFSF12 gene. The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a

regulator of angiogenesis. Alternative splicing results in multiple transcript variants.

Application Notes

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

Immunogen

A recombinant human partial protein corresponding to amino acids S94-H249 was used as the immunogen for the TWEAK antibody.

Storage

After reconstitution, the TWEAK 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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