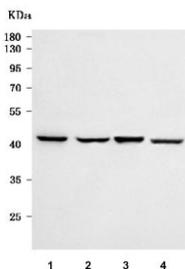


Scurfin Antibody / FOXP3 (RQ7764)

Catalog No.	Formulation	Size
RQ7764	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
UniProt	Q9BZS1
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Scurfin antibody is available for research use only.



Western blot testing of human 1) 293T, 2) HeLa, 3) A375 and 4) MCF7 cell lysate with Scurfin antibody. Predicted molecular weight ~47 kDa.

Description

FOXP3 (forkhead box P3), also called Scurfin, is a protein involved in immune system responses. The human FOXP3 genes contain 11 coding exons. Exon-intron boundaries are identical across the coding regions of the mouse and human genes. By genomic sequence analysis, the FOXP3 gene maps to the p arm of the X chromosome (specifically, Xp11.23). A member of the FOX protein family, FOXP3 appears to function as a master regulator in the development and function of regulatory T cells. While the precise control mechanism has not yet been established, FOX proteins belong to the forkhead/winged-helix family of transcriptional regulators and are presumed to exert control via similar DNA binding

interactions during transcription.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids R27-R337) was used as the immunogen for the Scurfin antibody.

Storage

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