Product Datasheet

RNF126 Antibody

Catalog No: #31265

Package Size: #31265-1 50ul #31265-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	RNF126 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total RNF126 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 106-119 amino acids of Human ring finger protein 126
Target Name	RNF126
Other Names	Ring finger protein 126
Accession No.	Swiss-Prot:Q9BV68Gene ID:55658;
Uniprot	Q9BV68
GeneID	55658;
Concentration	0.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

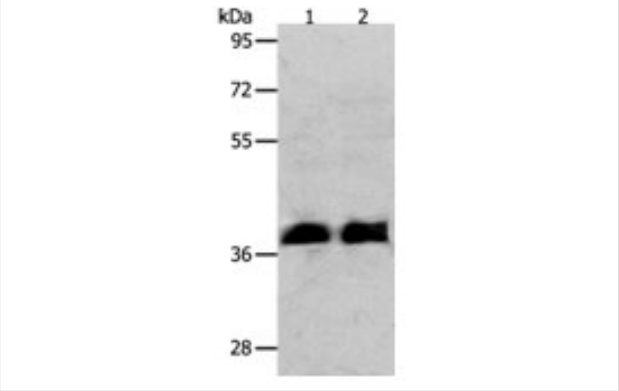
Predicted MW: 38kd

ELISA: 1:1000-1:5000

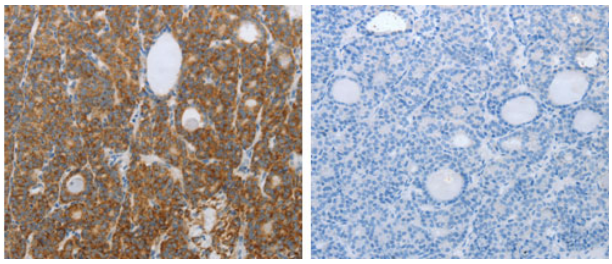
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
Lane1: Jurkat cell lysate
Lane2: K562 cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/350 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded human thyroid cancer tissue using 31265 (RNF126 Antibody) at dilution 1/20, on the right is treated with the synthetic peptide.

Background

The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. RNF126 interacts with p21 and RNF126 over-expression increased p21 protein ubiquitination in an E3 ligase activity-dependent manner. RNF126 knockdown induced loss of cell viability in MDA-MB-231 and PC-3 can be partially rescued by depletion of p21. RNF126 stable knockdown in PC3 inhibited tumor growth in SCID mice.

Note: This product is for in vitro research use only