

## Product datasheet for **TA321979S**

### RNF126 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat and K562 cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 106-119 amino acids of Human ring finger protein 126
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	ring finger protein 126
Database Link:	<a href="#">NP_919442</a> <a href="#">Entrez Gene 70294 Mouse</a> <a href="#">Entrez Gene 314613 Rat</a> <a href="#">Entrez Gene 55658 Human</a> <a href="#">Q9BV68</a>



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**Background:**

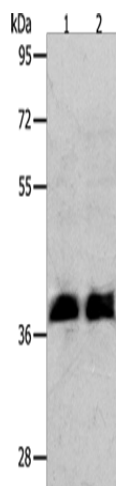
The protein encoded by this gene contains a RING finger domain; a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. RNF126 interacts with p21 and RNF126 over-expression increased p21 protein ubiquitination in an E3 ligase 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.

**Synonyms:**

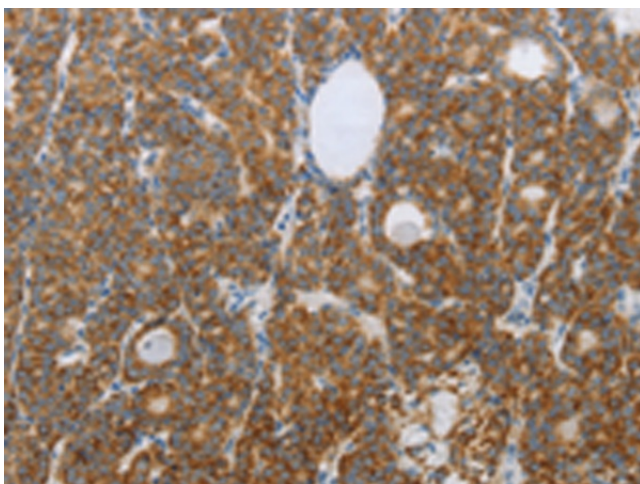
FLJ20552; MGC1022; MGC14317

**Protein Families:**

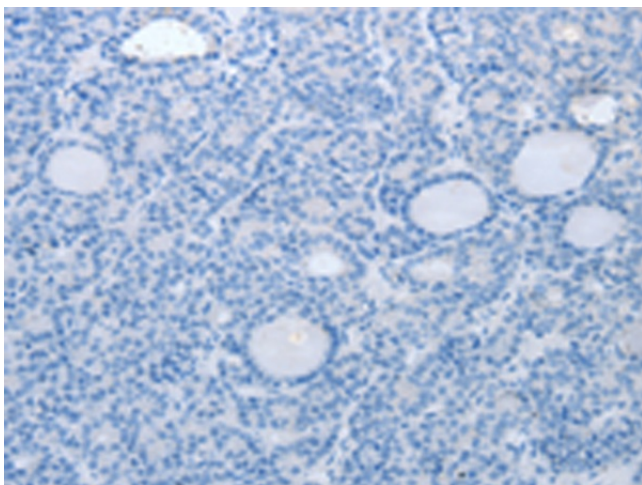
Druggable Genome

**Product images:**

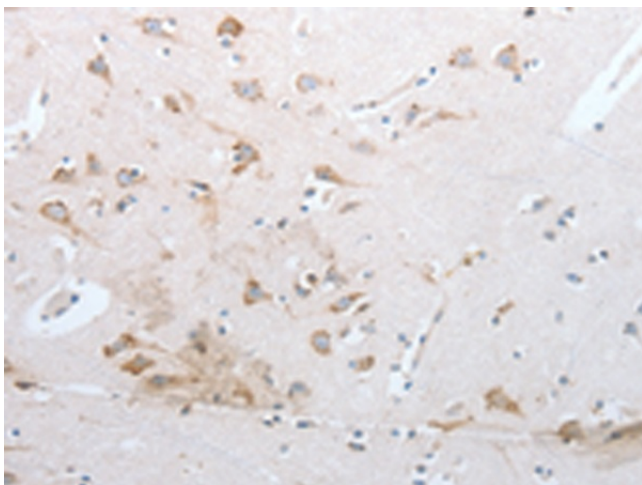
Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: Jurkat cells  
K562 cells  
Primary antibody: [TA321979] (RNF126 Antibody)  
at dilution 1/350  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 20 seconds



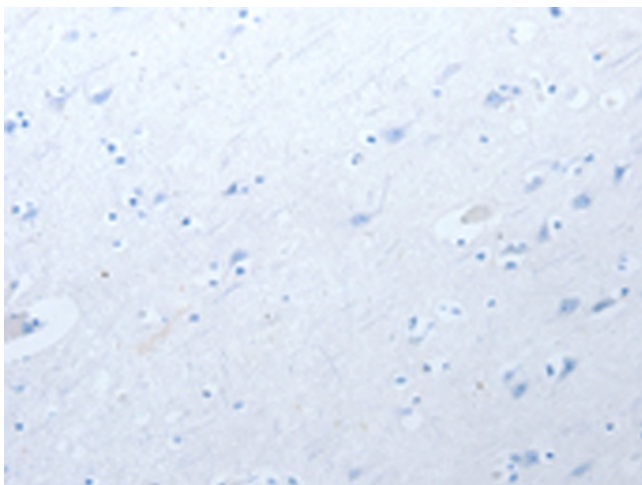
Immunohistochemistry of paraffin-embedded  
Human thyroid cancer tissue using [TA321979]  
(RNF126 Antibody) at dilution 1/20 (Original  
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA321979] (RNF126 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA321979] (RNF126 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA321979] (RNF126 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )