

Product datasheet for **TA321979**

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 ₃ , 50% glycerol
Concentration:	lot specific
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:	NP_919442 Entrez Gene 70294 Mouse Entrez Gene 314613 Rat Entrez Gene 55658 Human Q9BV68



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Background:

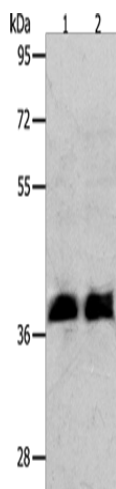
The protein encoded by this gene contains a RING finger domain; a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. RNF126 interacts with p21 and RNF126 over-expression increased p21 protein ubiquitination in an E3 ligase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

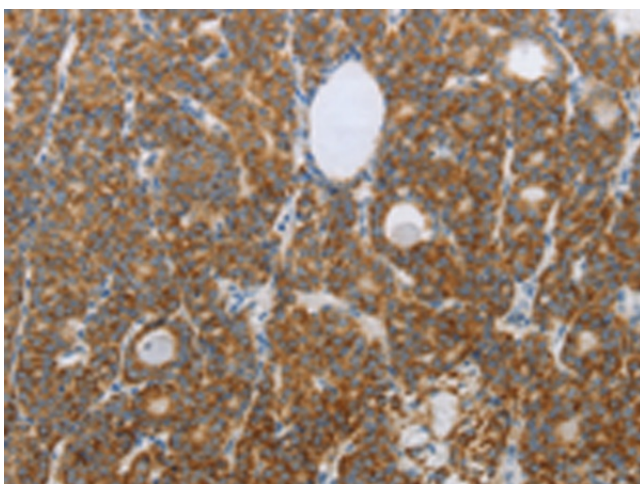
FLJ20552; MGC1022; MGC14317

Protein Families:

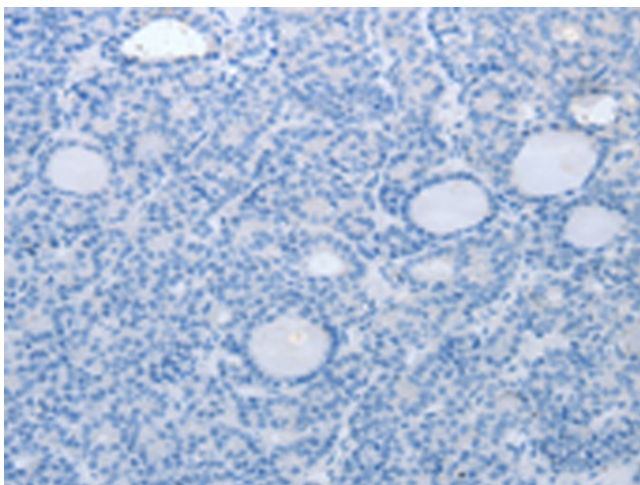
Druggable Genome

Product images:

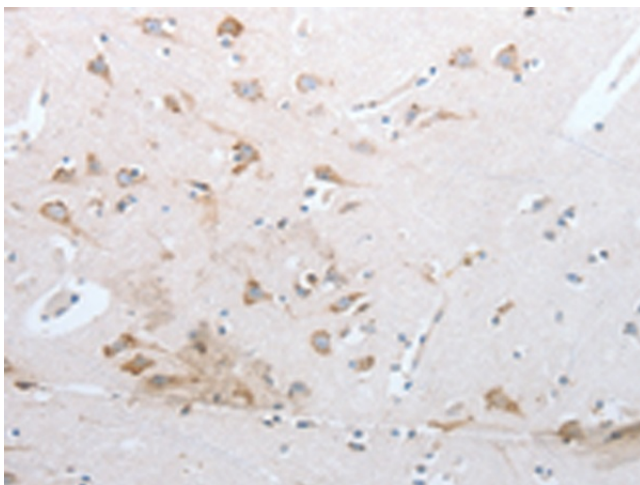
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Jurkat cells
K562 cells
Primary antibody: TA321979 (RNF126 Antibody)
at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 20 seconds



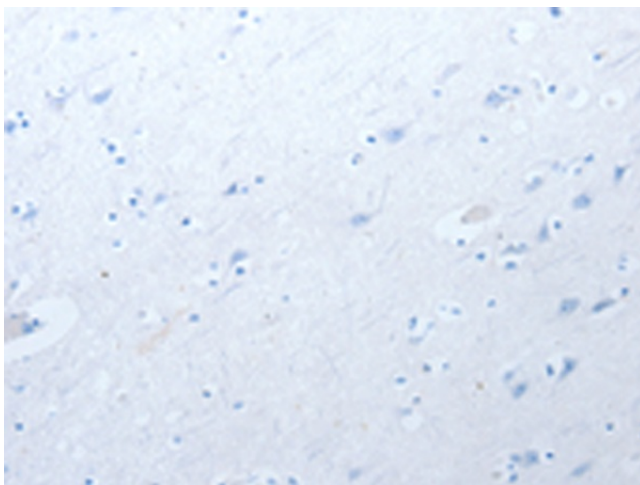
Immunohistochemistry of paraffin-embedded
Human thyroid cancer tissue using TA321979
(RNF126 Antibody) at dilution 1/20 (Original
magnification: ×200)



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



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



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