



Rabbit Anti-TBRG1 antibody

SL4268R

Product Name:	TBRG1
Chinese Name:	转化生长因子β调节蛋白1抗体
Alias:	NIAM; Nuclear interactor of ARF and Mdm2; Transforming growth factor beta regulator 1; TBRG1; TBRG-1; TBRG 1; Transforming growth factor beta regulator 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TBRG1:28-130/411
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Acts as a growth inhibitor. Can activate TP53/p53, causes G1 arrest and collaborates with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability. There are two isoforms. Function:

Acts as a growth inhibitor. Can activate p53/TP53, causes G1 arrest and collaborates with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability.

Subunit:

Interacts with CDKN2A and MDM2.

Subcellular Location:

Nucleus.

Tissue Specificity:

Widely expressed at low levels in most tissues, with highest levels in pancreas, lung and liver. Expression is decreased in primary tumors including lung, liver, breast, pancreas and kidney carcinomas, chronic lymphocytic leukemia and diffuse large B-cell lymphoma.

Post-translational modifications:

Ubiquitinated; mediated by MDM2 and leading to its subsequent proteasomal degradation.

Similarity:

Belongs to the TBRG1 family.
Contains 1 FYR C-terminal domain.
Contains 1 FYR N-terminal domain.

SWISS:

Q3YBR2

Gene ID:

84897

Database links:

[Entrez Gene: 84897](#)Human

[Entrez Gene: 21376](#)Mouse

[Entrez Gene: 300521](#)Rat

[Omim: 610614](#)Human

[SwissProt: Q3YBR2](#)Human

[SwissProt: Q3UB74](#)Mouse

[SwissProt: Q5PQK8](#)Rat

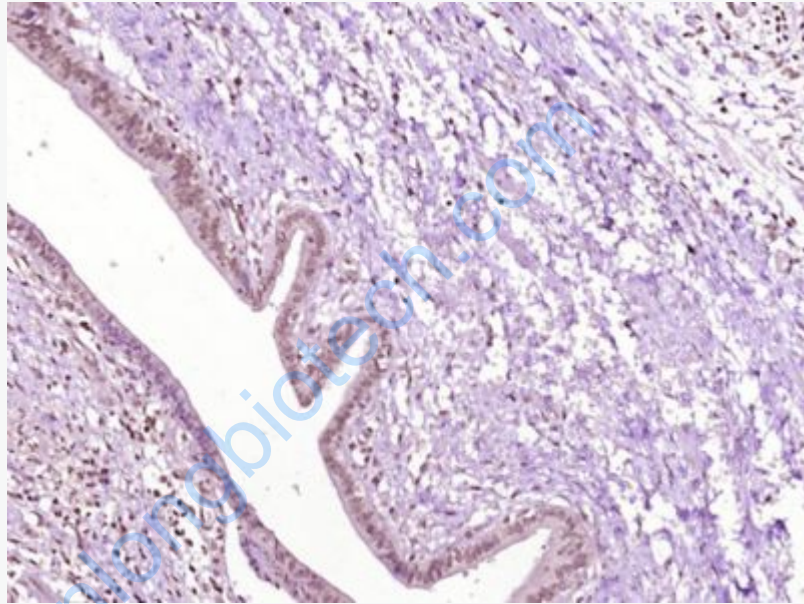
[Unigene: 436410](#)Human

[Unigene: 28689](#)Mouse

[Unigene: 129282](#)Rat

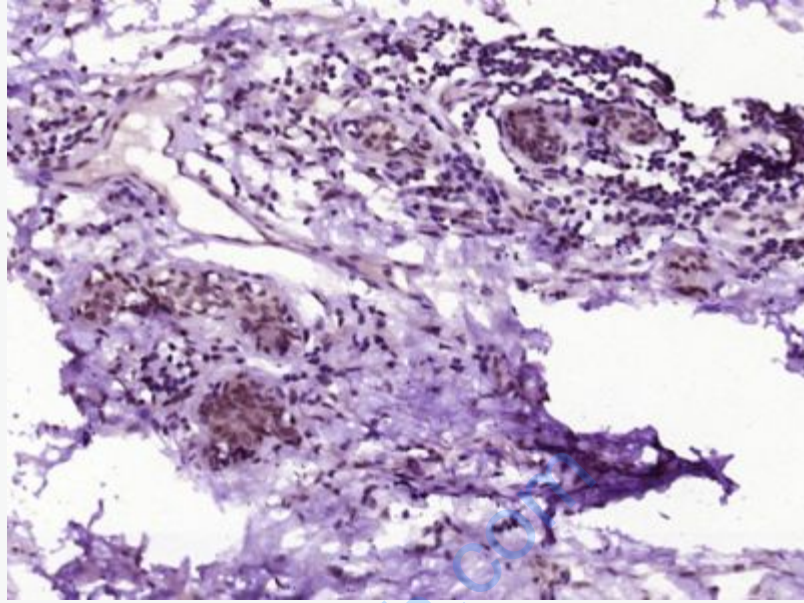
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

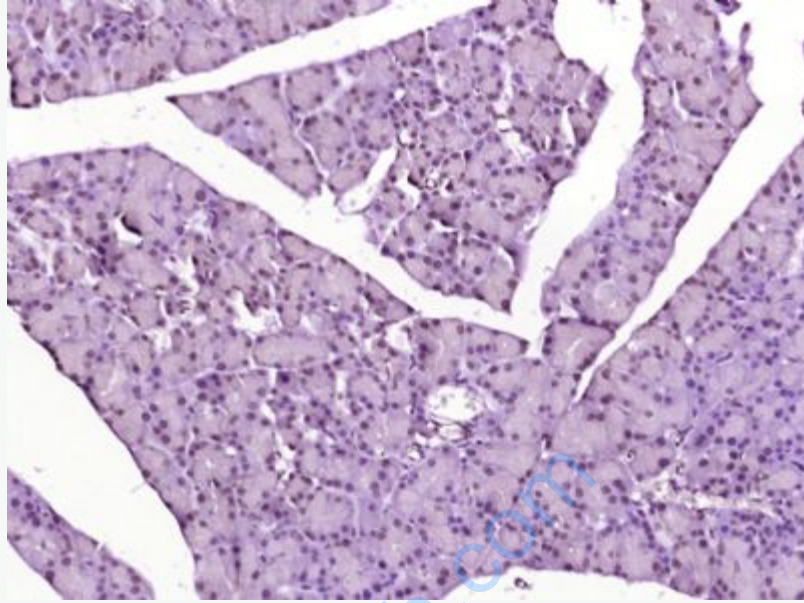


Picture:

Paraformaldehyde-fixed, paraffin embedded (Human pancreatic carcinoma);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer
(normal goat serum) at 37°C for 30min; Antibody incubation with (TBRG1)
Polyclonal Antibody, Unconjugated (SL4268R) at 1:400 overnight at 4°C, followed
by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TBRG1) Polyclonal Antibody, Unconjugated (SL4268R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TBRG1) Polyclonal Antibody, Unconjugated (SL4268R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.