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TBRG1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14543

Product Information

Application	WB
Primary Accession	Q3YBR2
Other Accession	NM_032811, NP_116200
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44946

Additional Information

Gene ID	84897
Alias Symbol	FLJ14621, FLJ25020, FLJ90113, MGC129890, NIAM, TB-5
Other Names	Transforming growth factor beta regulator 1, Nuclear interactor of ARF and Mdm2, TBRG1, NIAM
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TBRG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TBRG1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

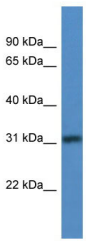
Name	TBRG1
Synonyms	NIAM
Function	Acts as a growth inhibitor. Can activate p53/TP53, causes G1 arrest and collaborates with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability.
Cellular Location	Nucleus.
Tissue Location	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.

References

Tompkins V.S.,et al.J. Biol. Chem. 282:1322-1333(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zhou G.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



WB Suggested Anti-TBRG1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.