

# TBRG1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14543

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q3YBR2</a>
<b>Other Accession</b>	<a href="#">NM_032811</a> , <a href="#">NP_116200</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	44946

## Additional Information

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<b>Gene ID</b>	84897
<b>Alias Symbol</b>	FLJ14621, FLJ25020, FLJ90113, MGC129890, NIAM, TB-5
<b>Other Names</b>	Transforming growth factor beta regulator 1, Nuclear interactor of ARF and Mdm2, TBRG1, NIAM
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	TBRG1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TBRG1
<b>Synonyms</b>	NIAM
<b>Function</b>	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.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	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.

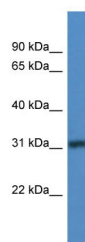
## References

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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

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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'.