

**TOB2 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6274a****Specification**

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**TOB2 Antibody (N-term) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q14106</a>
Other Accession	<a href="#">Q61471</a> , <a href="#">P50616</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36632
Antigen Region	17-46

**TOB2 Antibody (N-term) - Additional Information****Gene ID** 10766**Other Names**

Protein Tob2, Protein Tob4, Transducer of erbB-2 2, TOB2, KIAA1663, TOB4, TROB2

**Target/Specificity**

This TOB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human TOB2.

**Dilution**

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TOB2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TOB2 Antibody (N-term) - Protein Information****Name** TOB2

**Synonyms** KIAA1663, TOB4, TROB2

**Function** Anti-proliferative protein inhibits cell cycle progression from the G0/G1 to S phases.

**Cellular Location**

Cytoplasm.

**Tissue Location**

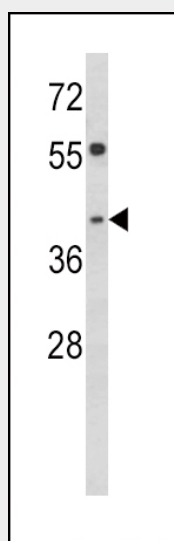
Ubiquitous.

**TOB2 Antibody (N-term) - Protocols**

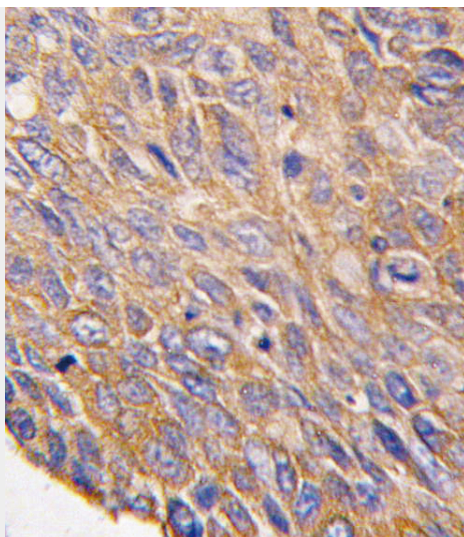
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TOB2 Antibody (N-term) - Images**



Western blot analysis of TOB2 Antibody (N-term) (Cat. #AP6274a) in HepG2 cell line lysates (35ug/lane). TOB2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with TOB2 antibody (N-term)(Cat.#AP6274a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### **TOB2 Antibody (N-term) - Background**

TOB2 belongs to the TOB /BTG1 family of antiproliferative proteins, which are involved in the regulation of cell cycle progression.

#### **TOB2 Antibody (N-term) - References**

Sasajima,H., Eur. J. Biochem. 269 (14), 3596-3604 (2002)  
Yoshida,Y., Jpn. J. Cancer Res. 92 (6), 592-596 (2001)  
Suzuki,T., Genes Cells 6 (2), 131-138 (2001)  
Ikematsu,N., Oncogene 18 (52), 7432-7441 (1999)