

#### **TOR1B** Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13034b

#### Specification

# **TOR1B Antibody (C-term) - Product Information**

Application Primary Accession Other Accession	<b>WB, IHC-P,E</b> <u>014657</u> <u>NP 055321.1</u>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37979
Antigen Region	215-243

## **TOR1B** Antibody (C-term) - Additional Information

Gene ID 27348

**Other Names** Torsin-1B, Torsin ATPase-1B, 364-, Torsin family 1 member B, TOR1B, DQ1

Target/Specificity

This TOR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-243 amino acids from the C-terminal region of human TOR1B.

**Dilution** WB~~1:1000 IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

TOR1B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## **TOR1B Antibody (C-term) - Protein Information**

Name TOR1B

Synonyms DQ1



**Function** May serve as a molecular chaperone assisting in the proper folding of secreted and/or membrane proteins. Plays a role in non- neural cells nuclear envelope and endoplasmic reticulum integrity. May have a redundant function with TOR1A in non-neural tissues.

**Cellular Location** Endoplasmic reticulum lumen. Nucleus membrane

Tissue Location

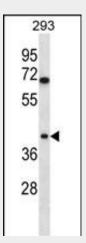
Widely expressed with low levels in brain.

## **TOR1B Antibody (C-term) - Protocols**

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

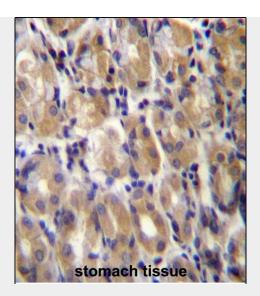
- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## **TOR1B Antibody (C-term) - Images**



TOR1B Antibody (C-term) (Cat. #AP13034b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the TOR1B antibody detected the TOR1B protein (arrow).





TOR1B Antibody (C-term) (Cat. #AP13034b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TOR1B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

## **TOR1B Antibody (C-term) - Background**

TOR1B may serve as a molecular chaperone assisting in the proper folding of secreted and/or membrane proteins (By similarity).

#### **TOR1B Antibody (C-term) - References**

Sharma, N., et al. Mov. Disord. (2010) In press : Kamm, C., et al. Neurology 67(10):1857-1859(2006) Bahn, E., et al. Brain Res. 1116(1):112-119(2006) Hewett, J.W., et al. J. Neurochem. 89(5):1186-1194(2004) Humphray, S.J., et al. Nature 429(6990):369-374(2004)