

TRHDE Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5635b**Specification**

TRHDE Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	O9UKU6
Other Accession	O10836 , O8K093 , NP_037513.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	122133
Antigen Region	951-980

TRHDE Antibody (C-term) - Additional Information**Gene ID** 29953**Other Names**

Thyrotropin-releasing hormone-degrading ectoenzyme, TRH-DE, TRH-degrading ectoenzyme, Pyroglutamyl-peptidase II, PAP-II, TRH-specific aminopeptidase, Thyroliberinase, TRHDE

Target/Specificity

This TRHDE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 951-980 amino acids from the C-terminal region of human TRHDE.

Dilution

WB~~1:1000
FC~~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

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

TRHDE Antibody (C-term) - Protein Information**Name** TRHDE

Function Specific inactivation of TRH after its release.

Cellular Location

Membrane; Single-pass type II membrane protein.

Tissue Location

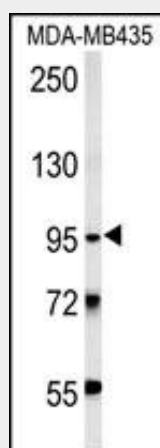
Predominantly expressed in brain.

TRHDE Antibody (C-term) - Protocols

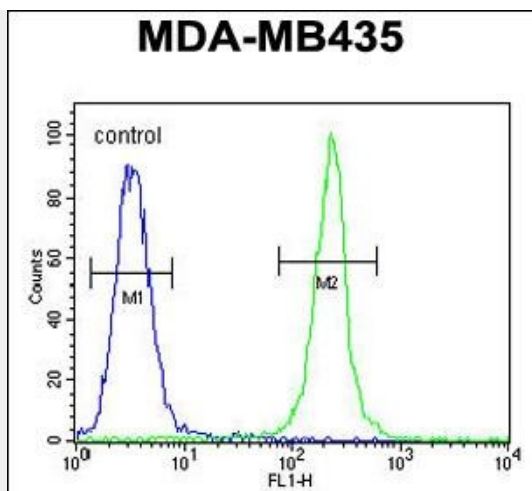
Provided below are standard protocols that you may find useful for product applications.

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

TRHDE Antibody (C-term) - Images



TRHDE Antibody (C-term) (Cat. #AP5635b) western blot analysis in MDA-MB435 cell line lysates (15ug/lane). This demonstrates the TRHDE antibody detected the TRHDE protein (arrow).



TRHDE Antibody (C-term) (Cat. #AP5635b) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

TRHDE Antibody (C-term) - Background

This gene encodes a member of the peptidase M1 family. TRHDE is an extracellular peptidase that specifically cleaves and inactivates the neuropeptide thyrotropin-releasing hormone.

TRHDE Antibody (C-term) - References

Cirulli, E.T., et al. Eur. J. Hum. Genet. (2010) In press :
Murabito, J.M., et al. BMC Med. Genet. 8 SUPPL 1, S6 (2007) :
Schomburg, L., et al. Eur. J. Biochem. 265(1):415-422(1999)
Bodeker, H., et al. Mol. Cell Biol. Res. Commun. 2(3):150-154(1999)