

TRHDE Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5635b

Product Information

Application	WB, FC, E
Primary Accession	Q9UKU6
Other Accession	Q10836 , Q8K093 , NP_037513.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27222
Calculated MW	122133
Antigen Region	951-980

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 E~~Use at an assay dependent concentration.
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.

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.

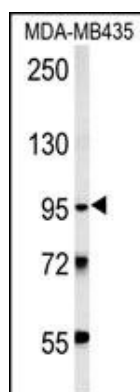
Background

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.

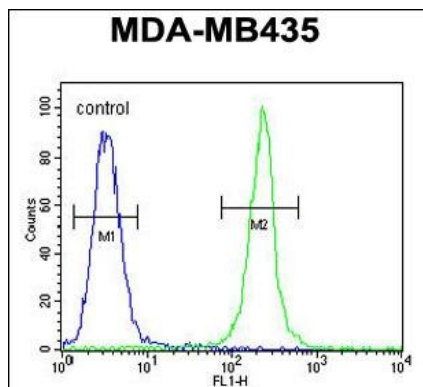
References

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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)

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.

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