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Datasheet for ABIN656772

## anti-Tachykinin 4 antibody (C-Term)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	Tachykinin 4 (TAC4)
Binding Specificity:	AA 85-113, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This TAC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-113 amino acids from the C-terminal region of human TAC4.
Clone:	RB32589
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	Tachykinin 4 (TAC4)
Alternative Name:	TAC4 ( <a href="#">TAC4 Products</a> )
Background:	This gene is a member of the tachykinin family of neurotransmitter-encoding genes. Tachykinin proteins are cleaved into small, secreted peptides that activate members of a family of receptor proteins. The products of this gene preferentially activate tachykinin receptor 1, and are thought

## Target Details

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to regulate peripheral endocrine and paracrine functions including blood pressure, the immune system, and endocrine gland secretion. The products of this gene lack a dibasic cleavage site found in other tachykinin proteins. Consequently, the nature of the cleavage products generated in vivo remains to be determined. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	12305
Gene ID:	255061
NCBI Accession:	<a href="#">NP_001070971</a> , <a href="#">NP_001070972</a> , <a href="#">NP_001070973</a> , <a href="#">NP_001070974</a> , <a href="#">NP_733786</a>
UniProt:	<a href="#">Q86UU9</a>

## Application Details

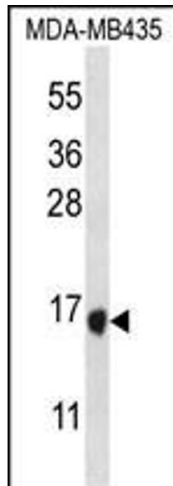
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	TAC4 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Western Blotting

**Image 1.** TAC4 Antibody (C-term) (ABIN656772 and ABIN2845991) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the TAC4 antibody detected the TAC4 protein (arrow).