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anti-Tachykinin 4 antibody (C-Term)



Image



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Quantity:	0.4 mL
Target:	Tachykinin 4 (TAC4)
Binding Specificity:	AA 92-113, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 92-113 amino acids from the C-terminal region of human TAC4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to TAC4.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	Tachykinin 4 (TAC4)
Alternative Name:	TAC4 (TAC4 Products)
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 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. Synonyms: Tachykinin-4

Molecular Weight: 12305 Da

Gene ID: 255061

NCBI Accession: NP_001070971

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

MDA-MB435 55 36 28 17 ◀

Western Blotting

Image 1. TAC4 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35μg/lane). This demonstrates the TAC4 antibody detected the TAC4 protein (arrow).