

Product datasheet for **AP54138PU-N**

TAC4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 92-113 amino acids from the C-terminal region of human TAC4
Specificity:	This antibody reacts to TAC4.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: PBS with 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	12305 Da
Gene Name:	tachykinin 4 (hemokinin)
Database Link:	Entrez Gene 255061 Human Q86UU9



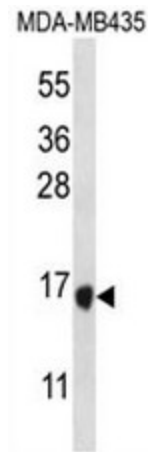
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Background:

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

Product images:

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