

AP54138PU-N**Polyclonal Antibody to TAC4 (C-term) - Aff - Purified**

Alternate names:	Tachykinin-4
Quantity:	0.4 ml
Concentration:	lot specific
Background:	<p>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.</p>
Uniprot ID:	Q86UU9
NCBI:	NP_001070971
GeneID:	255061
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 92-113 amino acids from the C-terminal region of human TAC4
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western Blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	12305 Da
Specificity:	This antibody reacts to TAC4.
Species Reactivity:	Tested: Human.
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. Shelf life: one year from despatch.
General Readings:	<ol style="list-style-type: none">1. Klassert, T.E., et al. J. Neuroimmunol. 227 (1-2), 202-207 (2010)2. Tran, A.H., et al. Neuropeptides 43(1):1-12(2009)3. Cunningham, S., et al. J. Neuroimmunol. 183 (1-2), 208-213 (2007)4. Page, N.M. Vascul. Pharmacol. 45(4):200-208(2006)5. Page, N.M. Cell. Mol. Life Sci. 61(13):1652-1663(2004)

Pictures:

TAC4 Antibody (C-term) (Cat. #AP54138PU-N) western blot analysis in MDA-MB435 cell line lysates (35µg/lane). This demonstrates the TAC4 antibody detected the TAC4 protein (arrow).

