

Rabbit TAC1 Polyclonal Antibody | anti-TAC1 antibody

TAC1 Antibody (C-term)

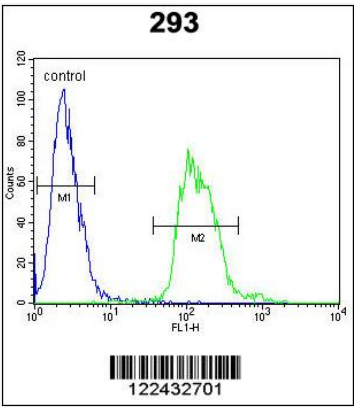
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285740	Rabbit	Human (Predicted Reactivity: Mouse, Rabbit, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

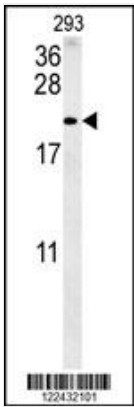
TAC1; Polyclonal Antibody; TAC1 Antibody (C-term); Protachykinin-1; PPT; Substance P; Neurokinin A; NKA; Neuromedin L; Substance K; Neuropeptide K; NPK; Neuropeptide gamma; C-terminal-flanking peptide; NKNA; TAC2; anti-TAC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-129 amino acids from the C-terminal region of human TAC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	102-129
Sequence Length	129
Applicable Applications for anti-TAC1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Target/Specificity	This TAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-129 amino acids from the C-terminal region of human TAC1.
Function	Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles.
Cellular Location	Secreted
Preparation and 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.



FCM/FACS (Flow Cytometry)
TAC1 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
TAC1 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TAC1 antibody detected the TAC1 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-TAC1 antibody	Cardiovascular; Metabolism; Neuroscience; Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507341
NCBI GeneID	6863
NCBI Accession #	NP_003173.1; NP_054702.1; NP_054703.1; NP_054704.1
NCBI GenBank Nucleotide #	NM_003182.2
UniProt Accession #	P20366; O60600; O60601; Q00072; Q53GH4; Q549V0; Q549V1; Q549V2; Q6FHM1
Molecular Weight	Calculated MW: 15003
NCBI Official Full Name	protachykinin-1 isoform beta
NCBI Official Synonym Full Names	tachykinin, precursor 1
NCBI Official Symbol	TAC1
NCBI Official Synonym Symbols	NK2; NPK; NKNA; TAC2; Hs.2563
NCBI Protein Information	protachykinin-1
UniProt Protein Name	Protachykinin-1
UniProt Gene Name	TAC1
UniProt Synonym Gene Names	NKA; NKNA; TAC2; NKA; NPK
UniProt Entry Name	TKN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.