TAC1 rabbit monoclonal antibody

Catalog # H00006863-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TAC1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TAC1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TAC1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — TAC1

Entrez GeneID	6863
GeneBank Accession#	TAC1
Gene Name	TAC1
Gene Alias	Hs.2563, NK2, NKNA, NPK, TAC2
Gene Description	tachykinin, precursor 1
Omim ID	162320
Gene Ontology	Hyperlink
Gene Summary	This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. They are known to induce behavioral responses and function as vasodilators and secretagogues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	neurokinin 1|neurokinin 2|neurokinin A|neurokinin alpha|neuromedin L|neuropeptide K|neuropeptide gamma|substance K|substance P|tachykinin 1|tachykinin 2|tachykinin, precursor 1 (substance K, substance P, neurokinin 1, neurokinin 2, neuromedin L, neurokini

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Acute Disease
- Anorexia Nervosa
- Asperger Syndrome
- Asthma
- Autistic Disorder

- Bronchiolitis
- Bulimia
- Cardiovascular Diseases
- Chronic Disease
- Constipation
- Diabetes Mellitus
- Disease Models
- Disease Susceptibility
- Edema
- Genetic Predisposition to Disease
- Infant
- Low Back Pain
- Mental Disorders
- Multiple Sclerosis
- Pain
- Radius Fractures
- Reflex Sympathetic Dystrophy
- Respiratory Syncytial Virus Infections
- Schizophrenia
- Sciatica
- Social Perception