TACR2 polyclonal antibody

Catalog # PAB7608 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TACR2.
Immunogen	A synthetic peptide corresponding to human TACR2.
Sequence	STRVNRCHTKET
Host	Goat
Theoretical MW (kDa)	44.4
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

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Gene Info — TACR2

Entrez GeneID	6865
Protein Accession#	NP_001048.2
Gene Name	TACR2
Gene Alias	NK2R, NKNAR, SKR, TAC2R
Gene Description	tachykinin receptor 2
Omim ID	162321
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neuropeptide substance K, also referred to as neurokinin A. [provided by RefSeq
Other Designations	NK-2 receptor|OTTHUMP00000019722|neurokinin 2 receptor|neurokinin A receptor|seven trans membrane helix receptor|substance K receptor

Publication Reference

- Increased neurokinin-2 receptor expression in alveolar macrophages of smokers with COPD.

  Miotto D, Boschetto P, Cavallesco G, Zeni E, Querzoli P, Pedriali M, Chiarelli S, Fabbri LM, Mapp CE.

  Histopathology 2007 Jul; 51(1):128.

  Application: IHC-P, Human, Human peripheral lung

Pathway

- Calcium signaling pathway
- Neuroactive ligand-receptor interaction

Disease

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- Alzheimer disease
- Asthma
- Bronchiolitis
- Chronic Disease
- Constipation
- Cough
- Genetic Predisposition to Disease
- Infant
- Mental Disorders
- Respiratory Syncytial Virus Infections

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