

Datasheet

TACR1 polyclonal antibody (A01)

Catalog Number: H00006869-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant TACR1.

Immunogen: TACR1 (NP_001049, 140 a.a. ~ 243 a.a) partial recombinant protein with GST tag.

Sequence:

PRLSATATKVVICVIWVLALLAFPQGYSTTETMPSRV
VCMIEWPEHPNKIYEKVYHICVTVLIYFLPLLVIQYAYTV
VGITLWASEIPGDSSDRYHEQVSAK

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6869

Gene Symbol: TACR1

Gene Alias: NK1R, NKIR, SPR, TAC1R

Gene Summary: This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq]

References:

1. Substance P (SP) enhances CCL5-induced chemotaxis and intracellular signaling in human monocytes, which express the truncated neurokinin-1 receptor (NK1R). Chernova I, Lai JP, Li H, Schwartz L, Tuluc F, Korchak HM, Douglas SD, Kilpatrick LE. J Leukoc Biol. 2009 Jan;85(1):154-64. Epub 2008 Oct 3.