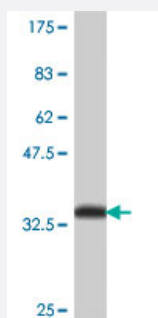


# TACR1 polyclonal antibody (A01)

Catalog # H00006869-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.55 KDa) .

## Specification

|                                      |                                                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a partial recombinant TACR1.                                     |
| <b>Immunogen</b>                     | TACR1 (NP_001049, 140 a.a. ~ 243 a.a) partial recombinant protein with GST tag.                           |
| <b>Sequence</b>                      | PRLSATATKVVICVWVLALLAFPQGYSTTETMPSRVVCMEIWPEHPNKIYEKVYHICVTVLIYFLP<br>LLVIGYAYTVVGITLWASEIPGDSSDRYHEQVSAK |
| <b>Host</b>                          | Mouse                                                                                                     |
| <b>Reactivity</b>                    | Human                                                                                                     |
| <b>Interspecies Antigen Sequence</b> | Mouse (96); Rat (96)                                                                                      |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.55 KDa) .  |
| <b>Storage Buffer</b>                | 50 % glycerol                                                                                             |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                  |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — TACR1

Entrez GeneID [6869](#)

GeneBank Accession# [NM\\_001058](#)

Protein Accession# [NP\\_001049](#)

Gene Name TACR1

Gene Alias NK1R, NKIR, SPR, TAC1R

Gene Description tachykinin receptor 1

Omim ID [162323](#)

Gene Ontology [Hyperlink](#)

**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]

**Other Designations** NK-1 receptor|neurokinin 1 receptor|tachykinin 1 receptor (substance P receptor, neurokinin 1 receptor)|tachykinin receptor 1 (substance P receptor; neurokinin-1 receptor)

## Publication Reference

- [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.

Journal of Leukocyte Biology 2008 Oct; 85(1):154.

## Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Chronic Disease](#)
- [Constipation](#)
- [Cough](#)
- [Endometriosis](#)
- [Fibromyalgia](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Nausea](#)
- [Pain](#)
- [Panic Disorder](#)
- [Pregnancy Complications](#)
- [Radius Fractures](#)
- [Recurrence](#)
- [Reflex Sympathetic Dystrophy](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)