

#### **Goat Anti-TACR1 Antibody**

Peptide-affinity purified goat antibody Catalog # AF2061a

### **Specification**

# **Goat Anti-TACR1 Antibody - Product Information**

Application WB
Primary Accession P25103

Other Accession NP\_056542, 6869, 21336 (mouse), 24807 (rat)

Reactivity Human

Predicted Mouse, Rat, Dog

Host Goat
Clonality Polyclonal
Concentration 100ug/200ul

Isotype IgG
Calculated MW 46251

# **Goat Anti-TACR1 Antibody - Additional Information**

#### **Gene ID** 6869

# **Other Names**

Substance-P receptor, SPR, NK-1 receptor, NK-1R, Tachykinin receptor 1, TACR1, NK1R, TAC1R

#### **Format**

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

Goat Anti-TACR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### **Goat Anti-TACR1 Antibody - Protein Information**

#### Name TACR1

### Synonyms NK1R, TAC1R

#### **Function**

This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.



**Cellular Location** 

Cell membrane; Multi-pass membrane protein.

# **Goat Anti-TACR1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Goat Anti-TACR1 Antibody - Images



AF2061a (1  $\mu$ g/ml) staining of Human Testes lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Goat Anti-TACR1 Antibody - Background

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.

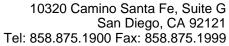
### **Goat Anti-TACR1 Antibody - References**

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