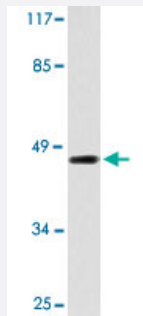


# TACR2 polyclonal antibody

Catalog # PAB24889      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of NIH/3T3 cell lysate with TACR2 polyclonal antibody (Cat # PAB24889).

## Specification

|                             |                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Rabbit polyclonal antibody raised against synthetic peptide of TACR2.                                                                |
| <b>Immunogen</b>            | A synthetic peptide corresponding to TACR2.                                                                                          |
| <b>Host</b>                 | Rabbit                                                                                                                               |
| <b>Theoretical MW (kDa)</b> | 48                                                                                                                                   |
| <b>Reactivity</b>           | Human                                                                                                                                |
| <b>Specificity</b>          | TACR2 polyclonal antibody detects endogenous levels of TACR2 protein.                                                                |
| <b>Form</b>                 | Liquid                                                                                                                               |
| <b>Purification</b>         | Antigen affinity purification                                                                                                        |
| <b>Concentration</b>        | 1 mg/mL                                                                                                                              |
| <b>Purity</b>               | > 95% by SDS-PAGE                                                                                                                    |
| <b>Recommend Usage</b>      | Western Blot (1:500-1:1000)<br>Immunofluorescence (1:50-1:200)<br>The optimal working dilution should be determined by the end user. |

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | In 1x PBS, pH 7.2 (0.05% sodium azide)                                                                                 |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                 |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot (Cell lysate)

Western blot analysis of NIH/3T3 cell lysate with TACR2 polyclonal antibody (Cat # PAB24889).

- Immunofluorescence

## Gene Info — TACR2

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">6865</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>          | TACR2                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Alias</b>         | NK2R, NKNAR, SKR, TAC2R                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Description</b>   | tachykinin receptor 2                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Omim ID</b>            | <a href="#">162321</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Summary</b>       | 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] |
| <b>Other Designations</b> | NK-2 receptor OTTHUMP00000019722 neurokinin 2 receptor neurokinin A receptor seven transmembrane helix receptor substance K receptor                                                                                                                                                                                                                                                                                                   |

## Pathway

- [Calcium signaling pathway](#)

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Constipation](#)
- [Cough](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Mental Disorders](#)
- [Respiratory Syncytial Virus Infections](#)