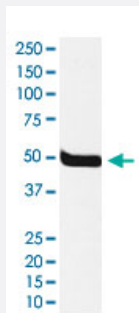


TACR1 monoclonal antibody, clone AFBH-20

Catalog # MAB22095 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of K-562 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human TACR1.
Immunogen	A synthetic peptide corresponding to human TACR1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody reacts with human, mouse, rat TACR1, in native form and recombinant. Superfamily members of TACR1 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:50) Western Blot (1:1000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

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 (cell lysate) analysis of K-562 cell lysate.

- Immunoprecipitation

Gene Info — TACR1

Entrez GeneID[6869](#)**Protein Accession#**[P25103](#)**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)

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](#)