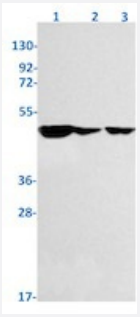
RecomAb™

TACR1 recombinant monoclonal antibody, clone R05-3D1

Catalog # RAB02066 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: CHO-K1, Lane 2: C6 and Lane 3: Jurkat lysates with TACR1 recombinant monoclonal antibody, clone R05-3D1 (Cat # RAB02066).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TACR1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TACR1.
Theoretical MW (kDa)	Calculated MW: 46 kD
Reactivity	Hamster, Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

  Western blot analysis of Lane 1: CHO-K1, Lane 2: C6 and Lane 3: Jurkat lysates with TACR1 recombinant monoclonal antibody, clone R05-3D1 (Cat # RAB02066).

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 charac terized by interactions with G proteins and contain seven hydrophobic transmembrane regions. Th is 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 rec eptor)|tachykinin receptor 1 (substance P receptor; neurokinin-1 receptor)

Pathway

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- 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

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