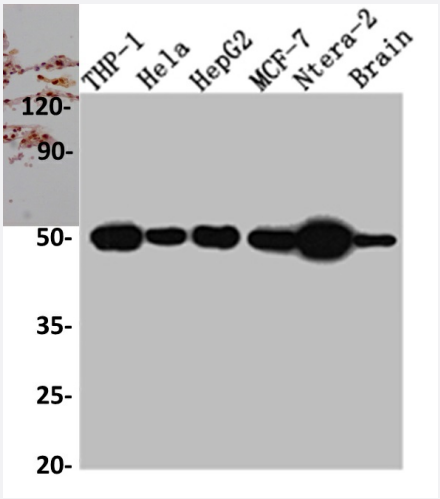
RecomAb™

TACR1 recombinant monoclonal antibody, clone 1E5

Catalog # RAB07418 Size 100 uL

Applications



Western Blot

Western blot analysis of THP-1 whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, Ntera-2 whole cell lysate, Mouse Brain whole cell lysate with TACR1 recombinant monoclonal antibody, clone 1E5 (Cat # RAB07418).

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: 47, 3
Reactivity	Human, Mouse
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG

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Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

  Western blot analysis of THP-1 whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, Ntera-2 whole cell lysate, Mouse Brain whole cell lysate with TACR1 recombinant monoclonal antibody, clone 1E5 (Cat # RAB07418).

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)

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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

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- Tobacco Use Disorder

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