

TACR1 polyclonal antibody (DyLight 488)

Catalog # PAB15188

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TACR1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human TACR1.
Host	Rabbit
Reactivity	Human, Rat
Specificity	This is specific to human NK-1. This product may be used for Western blotting where a band is seen at ~53 KDa representing human NK-1. The actual molecular weight may vary depending upon the tissue used.
Form	Liquid
Conjugation	DyLight 488
Recommend Usage	Immunohistochemistry (10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium borate
Storage Instruction	Store at 4°C. Do not freeze.

Applications

- Immunohistochemistry
- Flow Cytometry

Gene Info — TACR1

Entrez GeneID [6869](#)

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](#)