CD Creative Diagnostics®

Human TACR2 blocking peptide (CDBP2902)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TACR2/Neurokinin 2 receptor antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TACR2 tachykinin receptor 2 [Homo sapiens]
Official Symbol	TACR2
Synonyms	TACR2; tachykinin receptor 2; NKNAR, TAC2R; substance-K receptor; NK2R; SKR; NK-2R; NK-2 receptor; substance K receptor; neurokinin 2 receptor; neurokinin A receptor; seven transmembrane helix receptor; NKNAR; TAC2R;

Entrez Gene ID	6865
mRNA Refseq	NM_001057
Protein Refseq	NP_001048
UniProt ID	P21452
Chromosome Location	10pter-q23
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;
Function	G-protein coupled receptor activity; receptor activity; signal transducer activity; tachykinin receptor activity;