Datasheet for ABIN213476

anti-TACR2 antibody (C-Term)

2 Images

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Overview

Quantity:	50 µg
Target:	TACR2
Binding Specificity:	C-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TACR2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 19 amino acid peptide from C-terminus of human Neurokinin A Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Pig (100%), Rat, Bovine, Dog, Hamster, Elephant, Panda, Horse, Rabbit, Guinea pig (95%), Monkey, Marmoset, Mouse, Bat (89%). Type of Immunogen: Synthetic peptide
Specificity:	Human Neurokinin A Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except TACR1 (47 %).
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Pig (100%) Rat,

Product Details

	Bovine, Dog, Hamster, Elephant, Panda, Horse, Rabbit, Guinea pig (95%) Monkey, Marmoset, Mouse, Bat (89%).
Purification:	Immunoaffinity purified

Target Details

Target:	TACR2
Alternative Name:	TACR2 / Nk2 / NK2R (TACR2 Products)
Background:	Name/Gene ID: TACR2 Subfamily: Tachykinin Family: GPCR Synonyms: TACR2, Neurokinin 2 receptor, NK-2 receptor, Neurokinin A receptor, NK2, NK2R, Tachykinin receptor 2, Substance-K receptor, NK-2R, SK receptor, SKR, TAC2R, NKNAR, Substance K receptor
Gene ID:	6865
Pathways:	Hormone Transport, Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (40 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 40 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

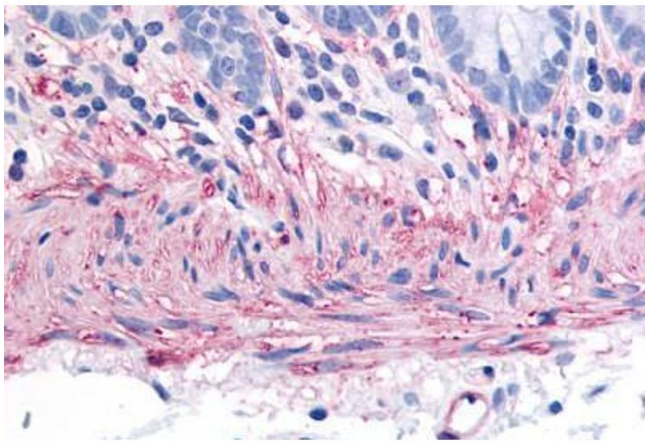
Handling

Format:	Liquid

Handling

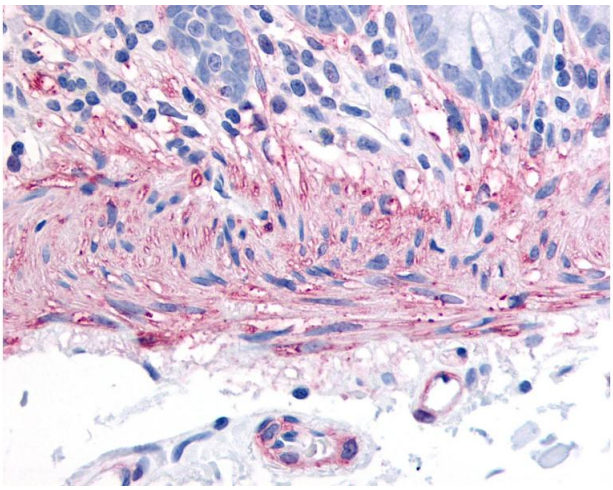
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon, Smooth Muscle (formalin-fixed, paraffin-embedded) stained with TACR2 antibody ABIN213476 at 40 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-Neurokinin A Receptor antibody IHC of human colon, smooth muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.