



Datasheet for ABIN213477
anti-TACR2 antibody (Extracellular Domain)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 50 µg |
| Target: | TACR2 |
| Binding Specificity: | Extracellular Domain |
| Reactivity: | Human |
| 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 20 amino acid peptide from 2nd extracellular domain of human Neurokinin A Receptor. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (100%), Gorilla, Marmoset, Rabbit (95%), Horse, Pig (90%), Bovine, Bat, Dog, Elephant, Guinea pig (85%), Mouse, Hamster, Panda (80%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human Neurokinin A Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins. |
| Predicted Reactivity: | Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey (100%) Gorilla, |

Product Details

Marmoset, Rabbit (95%) Horse, Pig (90%) Bovine, Bat, Dog, Elephant, Guinea pig (85%) Mouse, Hamster, Panda (80%).

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 (20 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 20 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

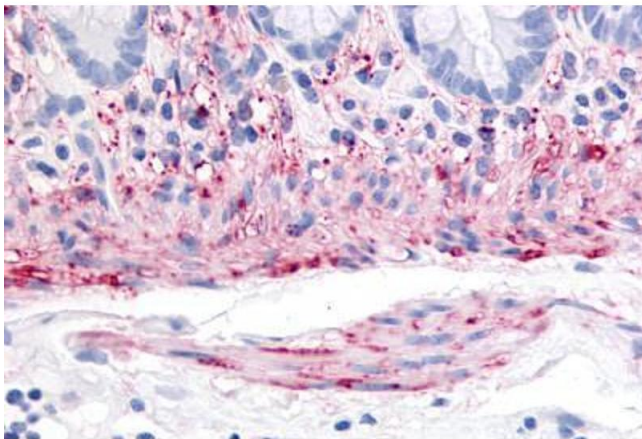
Handling

Format: Liquid

Handling

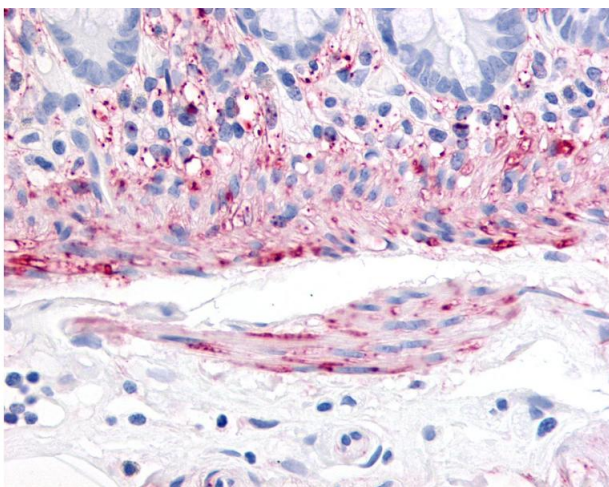
| | |
|--------------------|---|
| Concentration: | Lot specific |
| Buffer: | PBS, less than 0.1 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 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 ABIN213477 at 20 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.