TACR1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues S(387) S R S D S K T M T E S F S F S S N V L S(407) of human NK1 receptor protein.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2200607

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000	-
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:1,000	-
Immunocytochemistry (ICC/IF)	-	1 Publication

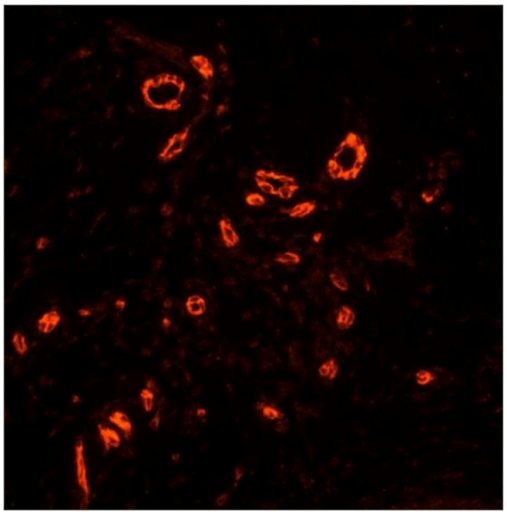
Product Specific Information

PA3-301 detects neurokinin-1 receptor in human samples.

PA3-301 has been successfully used in Western blot and immunohistochemistry (paraffin) procedures.

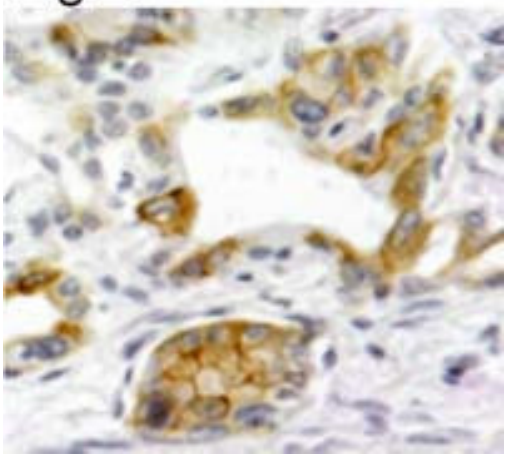
The PA3-301 immunogen is a synthetic peptide corresponding to residues S(387) S R S D S K T M T E S F S F S S N V L S (407) of human NK1 receptor protein.

Product Images For TACR1 Polyclonal Antibody



TACR1 Antibody (PA3-301) in IHC (P)
Neurokinin 1 Receptor staining in paraffin-embedded human skin tissue. Tissue sections were stained with Neurokinin 1 Receptor Polyclonal Antibody (Product # PA3-301) at a dilution of 1:750 followed by anti-rabbit IgG-HRP secondary and a fluorescently-conjugated tyramide reagent (red). Data courtesy of the Innovators Program.

Fig. 1



TACR1 Antibody (PA3-301) in IHC (P)
Immunohistochemical staining of Neurokinin-1 Receptor from paraffin embedded human pancreatic carcinoma tissue sections using Product # PA3-301

3 References

Immunohistochemistry (2)

The Journal of investigative dermatology

The Genetics of Chronic Itch: Gene Expression in the Skin of Patients with Atopic Dermatitis and Psoriasis with Severe Itch.

"PA3-301 was used in Immunohistochemistry to identify itch-related mediators and receptors that are differentially expressed in pruritic skin."

Authors: Nattkemper LA,Tey HL,Valdes-Rodriguez R,Lee H,Mollanazar NK,Albornoz C,Sanders KM,Yosipovitch G

Year
2018

Species
Human

Dilution
1:750

Spinal cord

Changes in substance P and NK1 receptor immunohistochemistry following human spinal cord injury.

"PA3-301 was used in immunohistochemistry to study the immunohistochemical expression of substance P, NK1 and claudin-5 in traumatic spinal cord injury tissue"

Authors: Leonard AV,Manavis J,Blumbergs PC,Vink R

Year
2014

Species
Human

Dilution
1:16,000

Immunocytochemistry (1)

The Journal of investigative dermatology

Mechanisms of Itch in Stasis Dermatitis: Significant Role of IL-31 from Macrophages.

"PA3-301 was used in Immunocytochemistry to investigate the mediators of itch in SD using an immunofluorescence study on patient lesions focusing on IL-31."

Authors: Hashimoto T,Kursewicz CD,Fayne RA,Nanda S,Shah SM,Nattkemper L,Yokozeki H,Yosipovitch G

Year
2020

Species
Human

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