

Datasheet for ABIN192028

anti-TAC1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	TAC1
Reactivity:	Human, Mouse, Rat, Guinea Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TAC1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic human Substance P. AA Sequence: R-P-R-P-Q-Q-F-F-G-L-M
Clone:	SP-DE4-21
Isotype:	IgG1
Specificity:	The antibody reacts specifically with Substance P. No cross reaction against related Tachykinins (Neurokinin A, Neurokinin B, and Kassinin).
Characteristics:	Synonyms: Substance-P
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	TAC1
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Target Details

Alternative Name: Protachykinin-1 (TAC1) ([TAC1 Products](#))

Background: Substance P (SP) is currently thought to be one of the most important neurotransmitters and neurotransmitters in the brain. It is an undecapeptide belonging to the tachykinin family, which consists of excitatory neuropeptides synthesised in neuronal and glial cells of the human central and peripheral nervous system. Substance P, Neurokinin A, Neuropeptide K, and Neuropeptide gamma are all generated by post-translation cleavage of the precursor Protachykinin-1. Substance P forms the major endogenous ligand for Neurokinin 1 Receptor. The pharmacology of Substance P has been associated with a number of neurological and psychiatric disorders, namely nociception, migraine, asthma, nausea, inflammatory bowel syndrome, urinary incontinence, anxiety and depression. It has also been linked to obesity. Synonyms: Substance-P

Gene ID: 6863

UniProt: [P20366](#)

Application Details

Application Notes: ELISA (1/10.000) Immunostaining (1/1000) Immunostaining of Rat Tissue (1/2000).
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore in aqua bidest to 1 mg/mL.

Concentration: 1.0 mg/mL

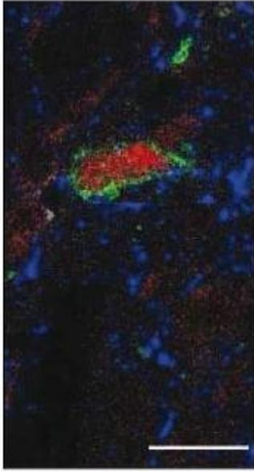
Buffer: 0.1 M Glycin PBS, pH 7.4

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody lyophilized at 2-8 °C and reconstituted at -20 °C. Avoid repeated freezing and thawing.

Shelf life: One year from despatch.

Expiry Date: 12 months



Immunohistochemistry

Image 1.