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Datasheet for ABIN916563

anti-SSTR3 antibody (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	SSTR3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSTR3 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SSTR3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SSTR3
Alternative Name:	Sstr3 (SSTR3 Products)
Background:	<p>Synonyms: somatostatin receptor 3, OTTHUMP00000028737, Smstr3, Somatostatin receptor 3, Somatostatin receptor subtype 3, Smstr 3, SS 3R, SS-3-R, SS3-R, SSR-28, SSR3_HUMAN, Sst3, SSTR 3, Somatostatin receptor type 3, SS3R, SSR28, Sst3, SSTR 3, SSTR3.</p> <p>Background: Somatostatin is a tetradecapeptide that is widely distributed in the body. It acts on</p>

Target Details

multiple organs in the body and also functions as a neuropeptide affecting electrical activity of neurons. Somatostatin acts to regulate numerous physiological processes by binding to and activating specific receptors in target tissues. There are five somatostatin receptor subtypes termed SSTR 1 to 5. They are G protein coupled receptors characterized by seven transmembrane helices with an extracellular amino terminal domain and an intracellular carboxy terminus. These receptors are activated by somatostatin secreted by nerve and endocrine cells and function in the regulation of numerous physiological processes such as the secretion of insulin, glucagon and growth hormone. The SSTRs also play a role in cell growth induced by neuronal excitation in both the central and peripheral nervous system. Somatostatin receptors have been implicated in numerous diseases ranging from Alzheimer's to cancers of the gastrointestinal tract, breast, prostate, and pituitary.

Gene ID: 6753

Application Details

Application Notes: IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months