

Datasheet for ABIN5515665
anti-SSTR5 antibody (Middle Region)



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Overview

Quantity:	100 µL
Target:	SSTR5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSTR5 antibody is un-conjugated
Application:	Please inquire

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SSR5
Sequence:	FAPLLVICLC YLLIVVKVRA AGVRVGCVRR RSERKVTRMV LVVVLVFAGC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 77%, Rat: 100%, Sheep: 100%, Zebrafish: 92%
Purification:	Affinity purified

Target Details

Target:	SSTR5
Alternative Name:	SSTR5 (SSTR5 Products)
Background:	Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and

Target Details

tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecule are required for the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this gene.

Alias Symbols: SS-5-R

Protein Interaction Partner: UBC, SST, GOPC, ADCY10, PDZK1, CORT, PEX5, SSTR5, SSTR1, DRD2,

Protein Size: 364

Gene ID:	6755
NCBI Accession:	NM_001053 , NP_001044
UniProt:	P35346
Pathways:	Carbohydrate Homeostasis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.