

SSTR5 Antibody

Catalog No: #37260

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

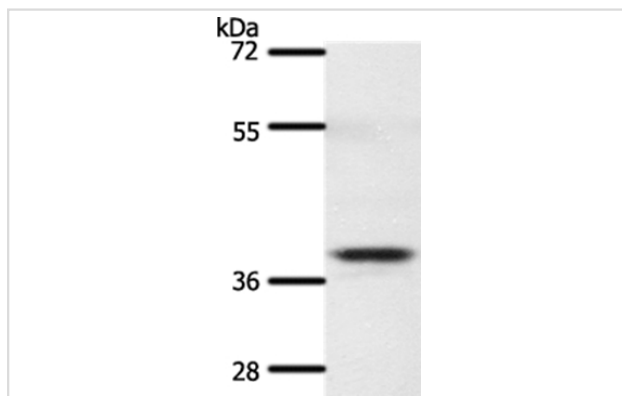
Product Name	SSTR5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SSTR5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human somatostatin receptor 5
Target Name	SSTR5
Other Names	SS-5-R
Accession No.	Swiss-Prot#: P35346NCBI Gene ID: 6755Gene Accssion: NP_001044.1
Uniprot	P35346
GeneID	6755;
SDS-PAGE MW	39kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

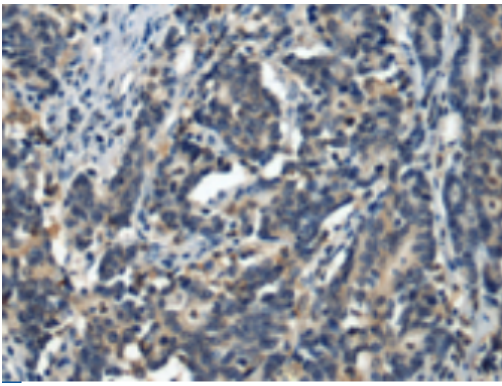
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

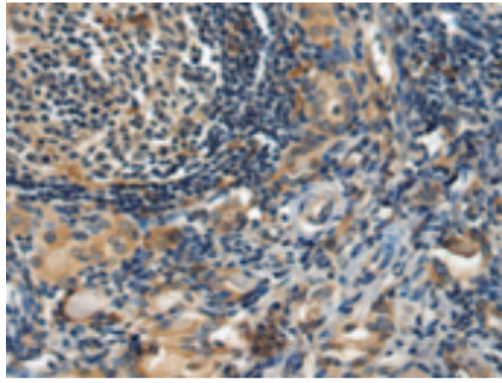
Images



Gel: 8%SDS-PAGE Lysate: 40 μ g Lane: Human heart tissue lysate Primary antibody:(SSTR5 Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 2 minutes



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SSTR5 Antibody at dilution 1/40. (Original magnification: \times 200)



The image is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using SSTR5 Antibody at dilution 1/40. (Original magnification: \times 200)

Background

Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and 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.

Note: This product is for in vitro research use only