

Anti-Somatostatin Receptor 2 SSTR2 Rabbit Monoclonal Antibody

Catalog Number: M01689

About SSTR2

Furin is likely to represent the ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RX (K/R) R consensus motif.

Overview

Product Name	Anti-Somatostatin Receptor 2 SSTR2 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Somatostatin Receptor 2 SSTR2 Rabbit Monoclonal Antibody catalog # M01689. Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IHC, WB
Clonality	Monoclonal CIF-19
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P30874

Technical Details

Immunogen	A synthesized peptide derived from human Somatostatin Receptor 2
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:1000-1:2000</p>

	IHC 1:50-1:200 IP 1:50
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Anti-Somatostatin Receptor 2 SSTR2 Rabbit Monoclonal Antibody (M01689) Images

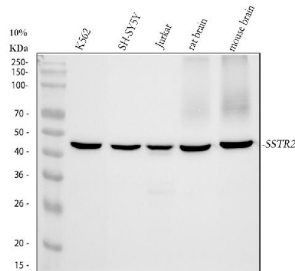


Figure 1. Western blot analysis of SSTR2 using anti-SSTR2 antibody (M01689).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human K562 whole cell lysates,
Lane 2: human SH-SY5Y whole cell lysates,
Lane 3: human Jurkat whole cell lysates,
Lane 4: rat brain tissue lysates,
Lane 5: mouse brain tissue lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SSTR2 antigen affinity purified monoclonal antibody (Catalog # M01689) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for SSTR2 at approximately 41 kDa. The expected band size for SSTR2 is at 41 kDa.

1 Publications Citing This Product

1. PubMed ID: 28810643, Li M, Wang S, Wang S, Zhang L, Wu D, Yang R, Ji A, Li Y, Wang J. Exp Ther Med. 2017 Aug;14(2):1732-1738. doi: 10.3892/etm.2017.4651. Epub 2017 Jun 22. Occludin downregulation in high glucose is regulated by SSTR2 via the VEGF/NRP1/Akt signaling pa...

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