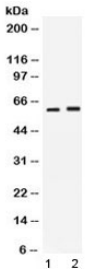
SCTR Antibody (R32564)

Catalog No.	Formulation	Size
R32564	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P47872
Applications	Western blot: 0.5-1ug/ml
Limitations	This SCTR antibody is available for research use only.



Western blot testing of 1) rat kidney and 2) human SKOV3 lysate with SCTR antibody at 0.5ug/ml. Expected molecular weight: 50-64 kDa depending on glycosylation level.

Description

Human secretin receptor (gene name SCTR) is a G protein-coupled receptor and belongs to the glucagon-VIP-secretin receptor family. It binds secretin which is the most potent regulator of pancreatic bicarbonate, electrolyte and volume secretion. Secretin and its receptor are suggested to be involved in pancreatic cancer and autism. The SCTR gene is mapped to chromosome 2q14.1 by fluorescence in situ hybridization.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the SCTR antibody to be titrated for optimal performance.

Immunogen

Amino acids 398-440 (EVQKKWQQWHLREFPLHPVASFSNSTKASHLEQSQGTCRTSII) from the human protein were used as the immunogen for the SCTR antibody.

Storage

After reconstitution, the SCTR antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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