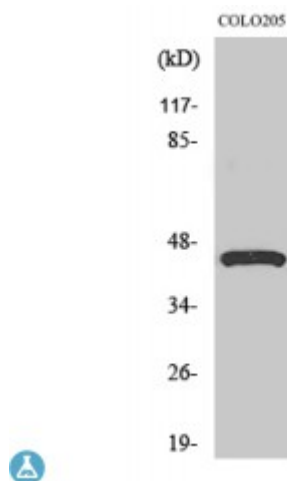


Anti-SR-4 antibody



Description	Rabbit polyclonal to SR-4.
Model	STJ95768
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human SR-4
Immunogen Region	40-120 aa, N-terminal
Gene ID	3360
Gene Symbol	HTR4
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	SR-4 Polyclonal Antibody detects endogenous levels of SR-4 protein.
Tissue Specificity	Isoform 5-HT4(A) is expressed in ileum, brain, and atrium, but not in the ventricle.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	5-hydroxytryptamine receptor 4 5-HT-4 5-HT4 Serotonin receptor 4
Molecular Weight	43 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5299OMIM:602164
Alternative Names	5-hydroxytryptamine receptor 4 5-HT-4 5-HT4 Serotonin receptor 4
Function	This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.
Cellular Localization	Cell membrane. Multi-pass membrane protein. Endosome. Interaction with SNX27 mediates recruitment to early endosomes, while interaction with SLC9A3R1 and EZR might target the protein to specialized subcellular regions, such as microvilli.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com