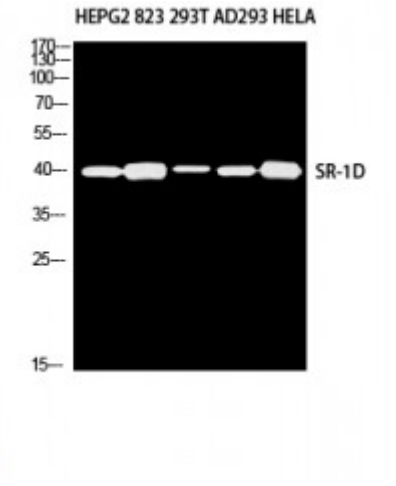
Anti-SR-1D antibody



Description	Rabbit polyclonal to SR-1D.

Model	STJ97621
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human SR-1D
Immunogen Region	120-200 aa, Internal
Gene ID	3352
Gene Symbol	HTR1D
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:10000
Specificity	SR-1D Polyclonal Antibody detects endogenous levels of SR-1D protein.
Tissue Specificity	Detected in brain neocortex and caudate nucleus (at protein level).
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 1D 5-HT-1D 5-HT1D Serotonin 1D alpha receptor 5-HT-1D-alpha Serotonin receptor 1D
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:5289OMIM:182133
Alternative Names	5-hydroxytryptamine receptor 1D 5-HT-1D 5-HT1D Serotonin 1D alpha receptor 5-HT-1D-alpha Serotonin receptor 1D
Function	G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for ergot alkaloid derivatives, various anxiolytic and antidepressant drugs and other psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. Regulates the release of 5-hydroxytryptamine in the brain, and thereby affects neural activity. May also play a role in regulating the release of other neurotransmitters. May play a role in vasoconstriction.
Cellular Localization	Cell membrane