



SR-1A Monoclonal Antibody

Catalog No	YP-mAb-12810
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HTR1A
Immunogen	The antiserum was produced against synthesized peptide derived from human 5-HT-1A. AA range:291-340
Specificity	SR-1A Monoclonal Antibody detects endogenous levels of SR-1A protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	5 HT 1A;5 HT1A;5HT1a;ADRB2RL1;ADRBRL1;G 21;HTR1A;Serotonin receptor 1A;SR-1A;5-hydroxytryptamine receptor 1A;5-HT-1A;5-HT1A;G-21
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cell projection, dendrite .
Tissue Specificity	Detected in lymph nodes, thymus and spleen. Detected in activated T-cells, but not in resting T-cells.
Function	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 inhibit adenylate cyclase activity.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Background	This gene encodes a G protein-coupled receptor for 5-hydroxytryptamine (serotonin), and belongs to the 5-hydroxytryptamine receptor subfamily. Serotonin has been implicated in a number of physiologic processes and pathologic conditions. Inactivation of this gene in mice results in behavior



consistent with an increased anxiety and stress response. Mutation in the promoter of this gene has been associated with menstrual cycle-dependent periodic fevers. [provided by RefSeq, Jun 2012],

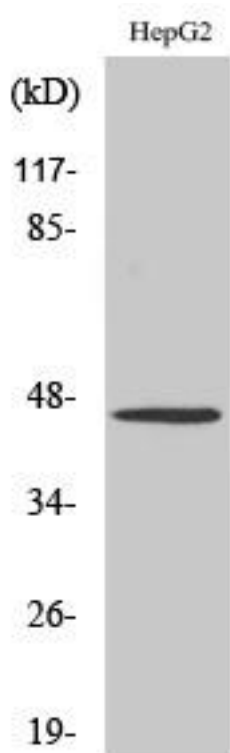
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SR-1A Monoclonal Antibody