SR-3D rabbit pAb

Cat#: orb767983 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	SR-3D rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from SR-3D . at AA range: 10-90
Specificity	SR-3D Polyclonal Antibody detects endogenous levels of SR-3D protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	5-hydroxytryptamine receptor 3D
Gene Name	HTR3D
Cellular localization	Cell membrane ; Multi-pass membrane protein . Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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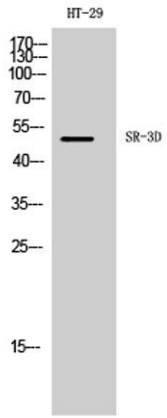
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	200909
Human Swiss-Prot Number	Q70Z44
Alternative Names	HTR3D; 5-hydroxytryptamine receptor 3D; 5-HT3-D; 5-HT3D; Serotonin receptor 3D
Background	The protein encoded this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit D of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a mitogen and a hormone. This hormone has been linked to neuropsychiatric disorders, including anxiety, depression, and migraine. Serotonin receptors causes fast and depolarizing responses in neurons following activation. The genes encoding subunits C, D and E of this type 3 receptor form a cluster on chromosome 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2009],



Western Blot analysis of HT-29 cells using SR-3D Polyclonal Antibody

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