



# SR-3D rabbit pAb

Cat No.:ES5108

For research use only

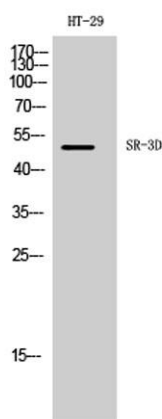
## Overview

<b>Product Name</b>	SR-3D rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from SR-3D . at AA range: 10-90
<b>Specificity</b>	SR-3D Polyclonal Antibody detects endogenous levels of SR-3D protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	5-hydroxytryptamine receptor 3D
<b>Gene Name</b>	HTR3D
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein . Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	200909
<b>Human Swiss-Prot Number</b>	Q70Z44
<b>Alternative Names</b>	HTR3D; 5-hydroxytryptamine receptor 3D; 5-HT3-D; 5-HT3D; Serotonin receptor 3D
<b>Background</b>	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

