

## SR-3D Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08539
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from SR-3D . at AA range: 10-90
<b>Mol wt</b>	50191
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	SR-3D Antibody
<b>Synonyms</b>	HTR3D; 5-hydroxytryptamine receptor 3D; 5-HT3-D; 5-HT3D; Serotonin receptor 3D

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The 5-hydroxytryptamine receptor 3D encoded HTR3D 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.

### Recommended Dilution

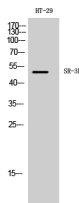
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for one year