

SR-3A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08538
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human 5-HT-3A. AA range:161-210
Mol wt	55280
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	SR-3A Antibody
Synonyms	HTR3A; 5HT3R; HTR3; 5-hydroxytryptamine receptor 3A; 5-HT3-A; 5-HT3A; 5-hydroxytryptamine receptor 3; 5-HT-3; 5-HT3R; Serotonin receptor 3A; Serotonin-gated ion channel receptor

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

Background

The product of HTR3A belongs to the ligand-gated ion channel receptor superfamily. HTR3A encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilution

WB: 1: 500 - 1: 2000

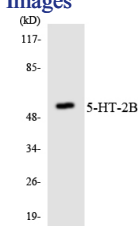
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

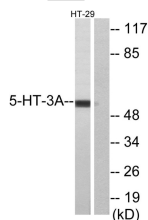
ELISA: 1: 10000

Not yet tested in other applications.

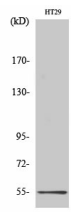
Images



Western blot analysis of the lysates from HepG2 cells using 5-HT-2B antibody.



Western blot analysis of lysates from HT-29 cells, using 5-HT-3A Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SR-3A Polyclonal Antibody

Storage

-20°C for one year

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