

ARG44475 anti-HTR3C antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HTR3C
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	HTR3C
Species	Human
Immunogen	Human HTR3C recombinant protein
Conjugation	Un-conjugated
Alternate Names	HTR3C; 5-Hydroxytryptamine Receptor 3C; 5-Hydroxytryptamine (Serotonin) Receptor 3, Family Member C; 5-Hydroxytryptamine (Serotonin) Receptor 3C, Ionotropic; Serotonin Receptor 3C; 5-HT3-C; 5-HT3C; 5-Hydroxytryptamine Receptor 3 Subunit C

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

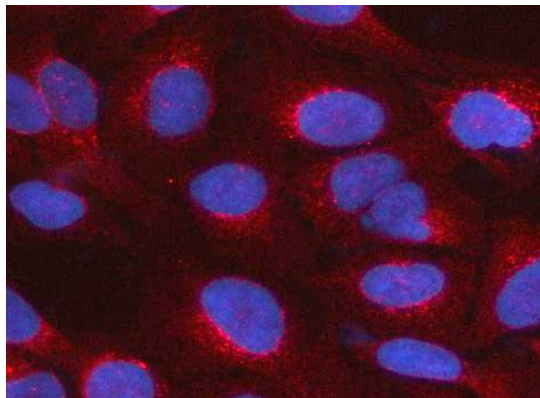
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

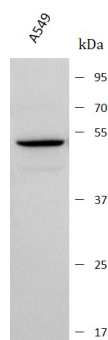
Gene Symbol	HTR3C
Gene Full Name	5-Hydroxytryptamine Receptor 3C
Background	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit C of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3.
Function	Forms serotonin (5-hydroxytryptamine/5-HT ₃)-activated cation-selective channel complexes, which when activated cause fast, depolarizing responses in neurons.
Calculated Mw	50 kDa
PTM	Disulfide bond
Cellular Localization	Cell membrane, Membrane, Postsynaptic cell membrane, Synapse

Images



ARG44475 anti-HTR3C antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44475 anti-HTR3C antibody at 5 µg/mL dilution.

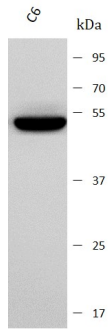


ARG44475 anti-HTR3C antibody WB image

Western blot: A549 stained with ARG44475 anti-HTR3C antibody at 0.5 µg/mL dilution.

ARG44475 anti-HTR3C antibody WB image

Western blot: C6 stained with ARG44475 anti-HTR3C antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44475 anti-HTR3C antibody WB image

Western blot: Mouse lung stained with ARG44475 anti-HTR3C antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.

