

ARG64018 anti-5-HT3A Receptor antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes 5-HT3A Receptor
Tested Reactivity	Hu, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody is expected to recognise all three reported isoforms (NP_998786.2; NP_000860.2; NP_001155244.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	5-HT3A Receptor
Species	Human
Immunogen	C-GPQDFEKSPRDR
Conjugation	Un-conjugated
Alternate Names	5-HT-3; 5-hydroxytryptamine receptor 3; Serotonin-gated ion channel receptor; 5-HT3A; 5-HT3-A; HTR3; 5HT3R; Serotonin receptor 3A; 5-hydroxytryptamine receptor 3A; 5-HT3R

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay - dependent
	IHC-P	3 - 5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

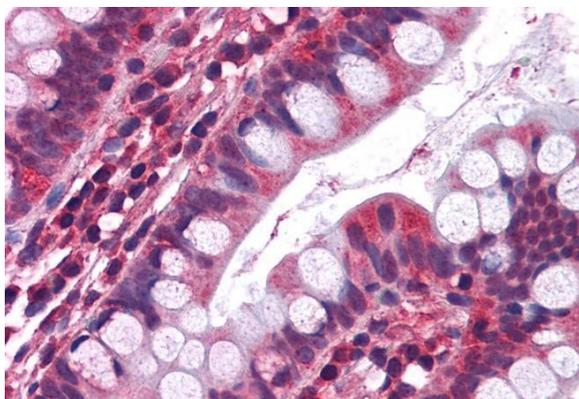
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

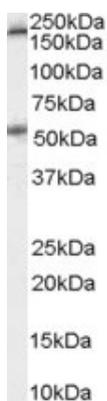
Database links	GeneID: 3359 Human GeneID: 79246 Rat Swiss-port # P35563 Rat Swiss-port # P46098 Human
Background	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone 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. [provided by RefSeq, Jul 2008]
Research Area	Metabolism antibody; Neuroscience antibody
Calculated Mw	55 kDa

Images



ARG64018 anti-5-HT3A Receptor antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64018 anti-5-HT3A Receptor antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG64018 anti-5-HT3A Receptor antibody WB image

Western blot: 35 µg of Human Colon lysate (in RIPA buffer) stained with ARG64018 anti-5-HT3A Receptor antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.