

Rabbit anti-Human 5-HT3A Polyclonal Antibody | anti-5-HT3A antibody

Rabbit anti-5-HT3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220624	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

5-HT3A; Polyclonal Antibody; Rabbit anti-5-HT3A Antibody; 5HT3R; HTR3; 5-hydroxytryptamine receptor 3A; 5-HT3-A; 5-hydroxytryptamine receptor 3; 5-HT-3; 5-HT3R; Serotonin receptor 3A; Serotonin-gated ion channel receptor; anti-5-HT3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-5-HT3A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human 5-HT3A. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



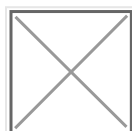
IF (Immunofluorescence)

Immunofluorescent analysis of 5-HT3A staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of 5-HT3A staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of 5-HT3A expression in HT29 (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-5-HT3A antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	253735700
NCBI GeneID	3359
NCBI Accession #	NP_000860.2
NCBI GenBank Nucleotide #	NM_000869.5
UniProt Accession #	P46098; O60854; Q7KZM7; Q99918; Q9BSZ9; B4DSY6; G5E986
Molecular Weight	55,280 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 3A isoform b
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 3A, ionotropic
NCBI Official Symbol	HTR3A
NCBI Official Synonym Symbols	HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R
NCBI Protein Information	5-hydroxytryptamine receptor 3A; 5-HT3-A; serotonin receptor 3A; 5HT3 serotonin receptor; serotonin-gated ion channel receptor
UniProt Protein Name	5-hydroxytryptamine receptor 3A
UniProt Gene Name	HTR3A
UniProt Synonym Gene Names	5HT3R; HTR3; 5-HT3-A; 5-HT3A; 5-HT-3; 5-HT3R
UniProt Entry Name	5HT3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/5-ht3a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220624>