

Datasheet for ABIN4995774

anti-Serotonin Receptor 1A antibody (AA 301-400) (AbBy Fluor® 750)



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Overview

Quantity:	100 µL
Target:	Serotonin Receptor 1A (HTR1A)
Binding Specificity:	AA 301-400
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 1A antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat 5-HTR1A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Serotonin Receptor 1A (HTR1A)
Alternative Name:	5-HTR1A (HTR1A Products)

Target Details

Background:	<p>Synonyms: 5HT1A, RAT5HT1A, 5-hydroxytryptamine receptor 1A, 5-HT-1A, 5-HT1A, Serotonin receptor 1A, Htr1a</p> <p>Background: G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various drugs and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Beta-arrestin family members inhibit signaling via G proteins and mediate activation of alternative signaling pathways. Signaling inhibits adenylate cyclase activity and activates a phosphatidylinositol-calcium second messenger system that regulates the release of Ca(2+) ions from intracellular stores. Plays a role in the regulation of 5-hydroxytryptamine release and in the regulation of dopamine and 5-hydroxytryptamine metabolism. Plays a role in the regulation of dopamine and 5-hydroxytryptamine levels in the brain, and thereby affects neural activity, mood and behavior. Plays a role in the response to anxiogenic stimuli.</p>
Gene ID:	24473
UniProt:	P19327
Pathways:	JAK-STAT Signaling , Synaptic Membrane , Feeding Behaviour

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months