

ARG58284 anti-ASMT antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASMT
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASMT
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 212-241 (Center) of Human ASMT.
Conjugation	Un-conjugated
Alternate Names	HIOMTY; Hydroxyindole O-methyltransferase; EC 2.1.1.4; ASMTY; Acetylserotonin O-methyltransferase; HIOMT

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

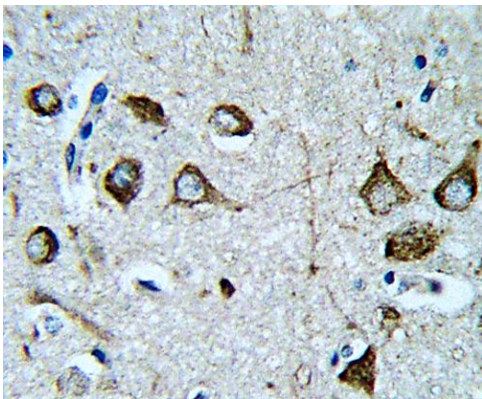
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
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

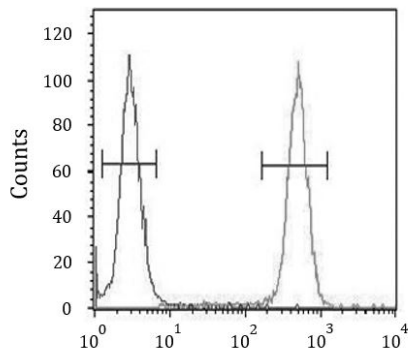
Gene Symbol	ASMT
Gene Full Name	acetylserotonin O-methyltransferase
Background	This gene belongs to the methyltransferase superfamily, and is located in the pseudoautosomal region (PAR) at the end of the short arms of the X and Y chromosomes. The encoded enzyme catalyzes the final reaction in the synthesis of melatonin, and is abundant in the pineal gland. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Jan 2010]
Function	Isoform 1 catalyzes the transfer of a methyl group onto N-acetylserotonin, producing melatonin (N-acetyl-5-methoxytryptamine). Isoform 2 and isoform 3 lack enzyme activity. [UniProt]
Calculated Mw	38 kDa

Images



ARG58284 anti-ASMT antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human brain tissue stained with ARG58284 anti-ASMT antibody.



ARG58284 anti-ASMT antibody FACS image

Flow Cytometry: 293 cells stained with ARG58284 anti-ASMT antibody (right histogram) or without primary antibody as control (left histogram), followed by incubation with FITC labelled secondary antibody.