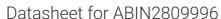
antibodies .- online.com





Alternative Name:

anti-ASMT antibody (Alexa Fluor 594)



Go to Product page

Overview	
Quantity:	100 μL
Target:	ASMT
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASMT antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))
Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human Acetylserotonin O-methyltransferase (ASMT)
Isotype:	IgG
Cross-Reactivity:	Rat, Sheep
Predicted Reactivity:	Human,Mouse,Dog,Cow,Horse
Purification:	Purified by Protein A.
Target Details	
Target:	ASMT

ASMT (ASMT Products)

Target Details

Background:	Synonyms: Acetylserotonin O-methyltransferase, ASMT, ASMTY, HIOMT, HIOMTY,
	Hydroxyindole 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. 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
Gene ID:	438
	D. 1/ F07

UniProt:	P46597
Application Details	
Application Notes:	IF(IHC-P)(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:	Sodium azide

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:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months