## antibodies - online.com







## anti-ASMT antibody (FITC)



Overview		
Quantity:	100 μL	
Target:	ASMT	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ASMT antibody is conjugated to FITC	
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	
Alternative Name:	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
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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	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

-20 °C

12 months

Storage:

Expiry Date:

Storage Comment:

Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.