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Datasheet for ABIN883818
anti-ASMT antibody (Cy5.5)

Overview

Quantity:	100 µL
Target:	ASMT
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASMT antibody is conjugated to Cy5.5
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

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.

Storage: -20 °C

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

Expiry Date: 12 months