

**ARG58357**  
anti-ASMT antibodyPackage: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ASMT
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASMT
Species	Human
Immunogen	Synthetic peptide 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
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse kidney	
Observed Size	42 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3) and 0.02% Sodium azide.
Preservative	0.02% 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.

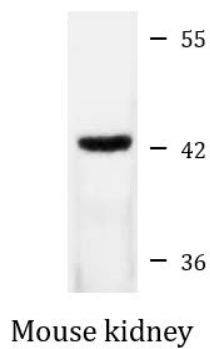
## Bioinformation

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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

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ARG58357 anti-ASMT antibody WB image

Western blot: 25 µg of Mouse kidney lysate stained with ARG58357 anti-ASMT antibody at 1:1000 dilution.