

Datasheet for ABIN4902958
anti-ASMT antibody



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1 Image

Overview

Quantity:	100 µL
Target:	ASMT
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A synthetic peptide of human ASMT
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ASMT
Alternative Name:	ASMT (ASMT Products)
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.
Molecular Weight:	38.453 kDa

Target Details

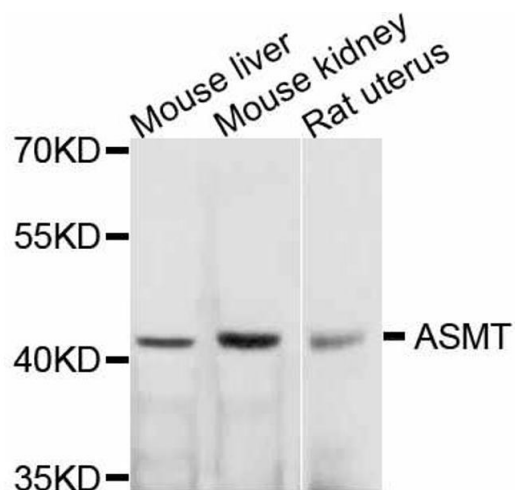
Gene ID:	438
UniProt:	P46597

Application Details

Application Notes:	WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC 1:20 - 1:50
Comment:	Expressed in the pineal gland (at protein level), In the retina, very low expression is found at the mRNA level
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ASMT antibody (ABIN4902958) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.