

Datasheet for ABIN5516216
anti-ASMT antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	ASMT
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASMT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ASMT
Sequence:	VRSAHGTEL LLDICVSLKL LKVETRGGKA FYRNTLSSD YLTTVSPTSQ
Predicted Reactivity:	Dog: 83%, Horse: 92%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against ASMT. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ASMT
Alternative Name:	ASMT (ASMT Products)
Background:	This gene belongs to the methyltransferase superfamily, and is located in the

Target Details

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.

Protein Size: 345

Gene ID: 438

UniProt: [P46597](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.