

Rabbit AANAT Polyclonal Antibody | anti-AANAT antibody

AANAT Polyclonal Antibody

CATALOG # AAA170102	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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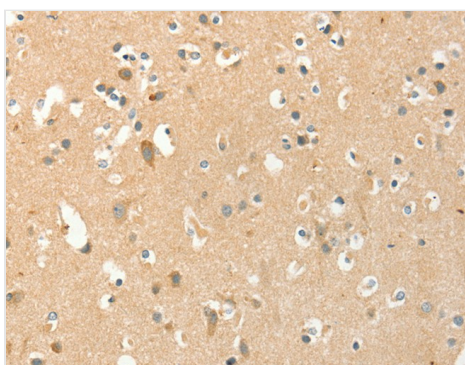
PRODUCT SYNONYMS

AANAT; Polyclonal Antibody; AANAT Polyclonal Antibody; DSPS; SNAT; anti-AANAT antibody

PRODUCT SPECIFICATIONS

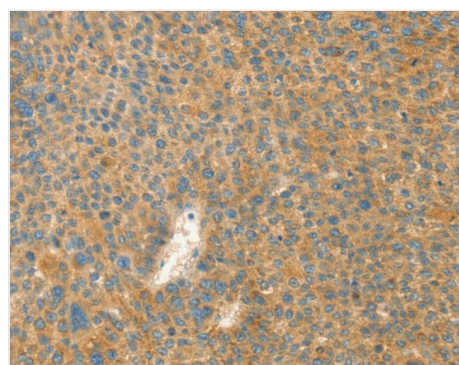
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.4mg/mL (varies by lot)
Sequence Length	207
Applicable Applications for anti-AANAT antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human AANAT
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using AANAT Polyclonal Antibody at dilution 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using AANAT Polyclonal Antibody at dilution 1:40

ADDITIONAL INFORMATION

Related Product Information for anti-AANAT antibody	The protein encoded by this gene belongs to the acetyltransferase superfamily. It is the penultimate enzyme in melatonin synthesis and controls the night/day rhythm in melatonin production in the vertebrate pineal gland. Melatonin is essential for the function of the circadian clock that influences activity and sleep. This enzyme is regulated by cAMP-dependent phosphorylation that promotes its interaction with 14-3-3 proteins and thus protects the enzyme against proteasomal degradation. This gene may contribute to numerous genetic diseases such as delayed sleep phase syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62530969
NCBI GeneID	15
Molecular Weight	28,432 Da
NCBI Official Full Name	AANAT protein
NCBI Official Synonym Full Names	aralkylamine N-acetyltransferase
NCBI Official Symbol	AANAT
NCBI Official Synonym Symbols	DSPS; SNAT
NCBI Protein Information	serotonin N-acetyltransferase; arylalkylamine N-acetyltransferase; serotonin acetylase
UniProt Protein Name	Serotonin N-acetyltransferase
UniProt Gene Name	AANAT
UniProt Synonym Gene Names	SNAT; Serotonin acetylase; AA-NAT
UniProt Entry Name	SNAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aanat-antibody-immunohistochemistry-elisa/170102>