

Rabbit anti-Human AANAT Polyclonal Antibody | anti-AANAT antibody

AANAT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234637	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

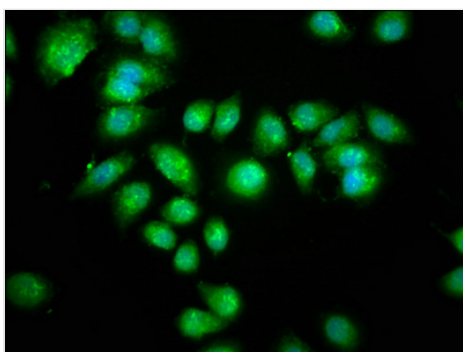
PRODUCT SYNONYMS

AANAT; Polyclonal Antibody; AANAT Antibody; Serotonin N-acetyltransferase; Aralkylamine N-acetyltransferase; AA-NAT; SNAT; anti-AANAT antibody

PRODUCT SPECIFICATIONS

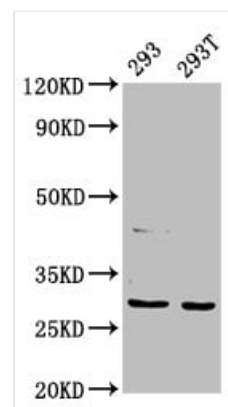
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	207
Applicable Applications for anti-AANAT antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Serotonin N-acetyltransferase protein (1-207AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234637 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: 293 whole cell lysate, 293T whole cell lysate All lanes: AANAT antibody at 7.5ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 24, 29 KDa Observed band size: 29 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-AANAT antibody	Controls the night/day rhythm of melatonin production in the pineal gland. Catalyzes the N-acetylation of serotonin into N-acetylserotonin, the penultimate step in the synthesis of melatonin.
Product Categories/Family for anti-AANAT antibody	Neuroscience; Cancer; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501845
NCBI GeneID	15
NCBI Accession #	NP_001079.1
NCBI GenBank Nucleotide #	NM_001088.2
UniProt Accession #	Q16613; Q562F4; A0AVF2; J3KMZ5
Molecular Weight	28,432 Da
NCBI Official Full Name	serotonin N-acetyltransferase isoform 2
NCBI Official Synonym Full Names	aralkylamine N-acetyltransferase
NCBI Official Symbol	AANAT
NCBI Official Synonym Symbols	DSPS; SNAT
NCBI Protein Information	serotonin N-acetyltransferase
UniProt Protein Name	Serotonin N-acetyltransferase
UniProt Gene Name	AANAT
UniProt Synonym Gene Names	SNAT; Serotonin acetylase; AA-NAT

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://stage.aaabiotech.com/polyclonal/aanat-antibody-immunofluorescence-western-blot-elisa/234637>