

Anti-Serotonin N-acetyltransferase AANAT Antibody

Catalog Number: A03784

About AANAT

CAND1 is also known as TIP120A, and TATA-binding protein-interacting protein 120A. The SCF complex consists of the invariable components Skp1, Cul1, and Rbx1 as well as a variable F-box protein, and functions as an E3 ubiquitin ligase. E3 ubiquitin ligases regulate various physiological processes. CAND1 binds to Cul1 and potentially regulates the SCF complex. CAND1 physically associates with Cul1 in the nucleus and this interaction is mediated by a central region of Cul1 distinct from its binding sites for Skp1 and Rbx1. CAND1 selectively binds to unneddylated CUL1 and is dissociated by CUL1 neddylation. CAND1 forms a ternary complex with CUL1 and ROC1.

Overview

Product Name	Anti-Serotonin N-acetyltransferase AANAT Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-Serotonin N-acetyltransferase AANAT Antibody catalog # A03784. Tested in WB,IHC applications. This antibody reacts with Human,Rat.
Application	IHC, WB
Clonality	Polyclonal 2F1
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16613

Technical Details

Immunogen	Synthesized peptide derived from human Mnk1 around the non-phosphorylation site of T385.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit, Yeast, Zebrafish
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

IHC: 1:50-1:200

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