

US Biological (antibody)

84-1663-51 [取扱停止] AANAT, NT (AANAT, SNAT, Serotonin N-acetyltransferase, Aralkylamine N-acetyltransferase) (APC) 200ul 031465-APC

**USBiological**  
Life Sciences

アズワン品番	84-1663-51
型番	031465-APC
入り数	1個
標準価格	-円

取扱停止

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## 特徴

- AANAT 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.
- Applications: Suitable for use in Western Blot, FLISA
- Recommended Dilution: FLISA: 1:1,000 Western Blot: 1:100-500
- Storage and Stability: Store product at 4°C in the dark.
- DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid.
- Dilute required amount only prior to immediate use.
- Further dilutions can be made in assay buffer.
- Caution: APC conjugates are sensitive to light.
- For maximum recovery of product, centrifuge the original vial prior to removing the cap.
- Note: Applications are based on unconjugated antibody.

## 仕様

- Size: 200ul
- Host: rabbit
- Source Antibody: human
- Grade: Affinity Purified
- Purity: Purified by Protein A affinity chromatography.

- Form: Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide and a stabilizer. Labeled with Allophycocyanin (APC).
- Specificity: Human
- Isotype: IgG
- Calc Applications Abbrev: FLISA WB
- Calc Crossreactivity: Hu
- Immunogen: AANAT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33~63 amino acids from the N-terminal region of human AANAT.
- Shelf Life: 6months
- Swiss Prot Number: Q16613
- EU Commodity Code: 30021010
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