AANAT (Phospho-Thr29) Antibody HRP Conjugated

Catalog No: #C01214H

Description



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

| Description | Support. techesignalwayantibudy.com |
|-----------------------|---|
| Product Name | AANAT (Phospho-Thr29) Antibody HRP Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | WB,,IHC-P,IHC-F,ICC |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic phosphopeptide derived from mouse AANAT around the phosphorylation site of |
| | Thr29 |
| Conjugates | HRP |
| Target Name | AANAT Thr29 |
| Other Names | p-AANATThr29; p-AANATT29; AANATphospho Thr29; p-AANATT29 |
| Accession No. | NCBI Gene ID11298 |
| Uniprot | O88816 |
| GeneID | 11298; |
| Excitation Emission | ΝΑ |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

Arylalkylamine N-acetyltransferase belongs to the superfamily of acetyltransferases. 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 seasonal reproduction, modulates the function of the circadian clock in the suprachiasmatic nucleus, and influences activity and sleep. This enzyme is rapidly inactivated when animals are exposed to light at night. This protein is 80% identical to sheep and rat AA-NAT. Arylalkylamine N-acetyltransferase may contribute a multifactorial genetic diseases such as altered behavior in sleep wake cycle.

Note: This product is for in vitro research use only