

Datasheet for ABIN7444538  
**anti-AANAT antibody (AA 22-235)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	AANAT
Binding Specificity:	AA 22-235
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AANAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Arylalkylamine-N-Acetyltransferase (AANAT)
Immunogen:	Recombinant Arylalkylamine-N-Acetyltransferase (AANAT) corresponding to Glu22~Gln235
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AANAT. It has been selected for its ability to recognize AANAT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

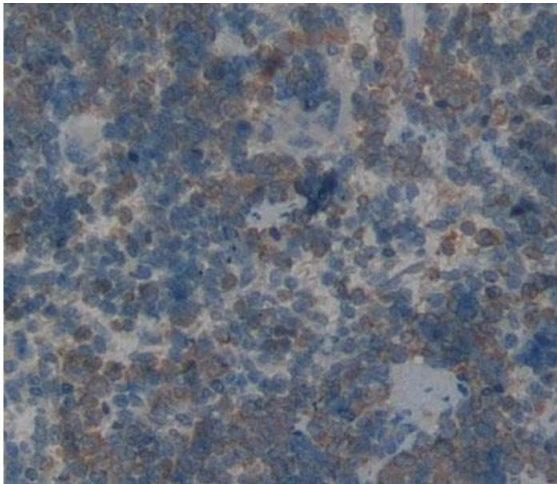
Target:	AANAT
Alternative Name:	Arylalkylamine-N-Acetyltransferase ( <a href="#">AANAT Products</a> )
Background:	AA-NAT, SNAT, Aralkylamine N-Acetyltransferase, Serotonin Acetyltransferase, Serotonin Acetylase, Serotonin N-Acetyltransferase, Melatonin Rhythm Enzyme
Pathways:	<a href="#">Photoperiodism</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

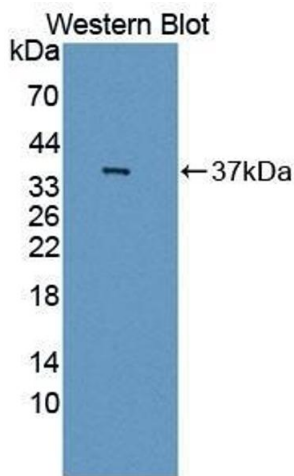
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant AANAT, Rat using Polyclonal Antibody to Arylalkylamine-N-Acetyltransferase (AANAT)