

Datasheet for ABIN636936 **anti-PDE7A antibody**



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Overview

Quantity:	50 µg
Target:	PDE7A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE7A antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	PDE7 A antibody was raised in rabbit using a synthetic peptide conjugated to KLH as the immunogen.
Purification:	Affinity chromatography purified

Target Details

Target:	PDE7A
Alternative Name:	PDE7A (PDE7A Products)
Background:	Phosphodiesterases (PDEs) are a family of related phosphohydrolyases that selectively catalyze the hydrolysis of 3' cyclic phosphate bonds in adenosine and/or guanine 3',5' cyclic monophosphate (cAMP and/or cGMP). They regulate the cellular levels, localization and duration of action of these second messengers by controlling the rate of their degradation. PDE1-11, PDE4, 7 and 8 selectively degrade cAMP. These enzymes are involved in many signal

Target Details

transduction pathways.

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: IHC-P: 20 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Purified by Immunoaffinity Chromatography and supplied in PBS with 0.1 % NaN₃.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -70 °C for long term storage.