

Product datasheet

Anti-PDE7B antibody ab61812

1 Image

Overview

Product name	Anti-PDE7B antibody
Description	Rabbit polyclonal to PDE7B
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human PDE7B (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH).
General notes	For short term storage: at -4°C

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.7
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab61812** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 10 µg/ml.

Target

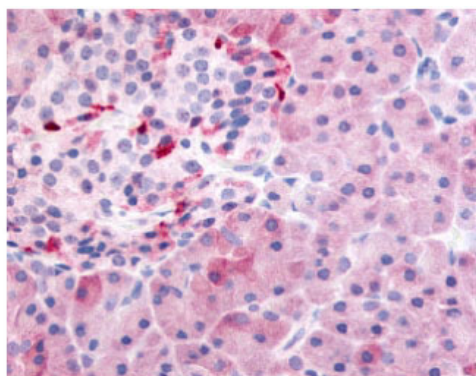
Relevance

PDE7B is a cAMP specific phosphodiesterase. The cAMP-specific phosphodiesterase type-7 (PDE7) family is comprised of 2 genes (PDE7A and PDE7B) each with multiple splice variants generated by RNA splicing and use of alternate initiation sites. PDE7B has three splice variants (PDE7B1 = 446 amino acid; PDE7B2 = 359 amino acids and PDE7B3 = 459 amino acids. Both PDE7B2 and PDE7B3 possess unique N-terminal sequences. PDE7B is expressed in various tissues including skeletal muscle, heart, lung and testis. PDE7B may be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain.

Cellular localization

cytosol

Images



Immunohistochemistry analysis of human pancreas (Formalin/PFA-fixed paraffin-embedded sections) using ab61812 at 10µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDE7B antibody (ab61812)

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