

[Go to Product page](#)

## Datasheet for ABIN7117422 **anti-PDE12 antibody**

### Overview

Quantity:	100 µg
Target:	PDE12
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	phosphodiesterase 12
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	PDE12
Alternative Name:	PDE12 ( <a href="#">PDE12 Products</a> )
Background:	Synonyms: Background:Enzyme that cleaves 2',5'-phosphodiester bond linking adenosines of the 5'-triphosphorylated oligoadenylates, triphosphorylated oligoadenylates referred as 2-5A modulates the 2-5A system. This enzyme degraded triphosphorylated 2-5A to produce AMP and ATP. Also cleaves 3',5'-phosphodiester bond of oligoadenylates. Plays a role as a negative

## Target Details

regulator of the The 2-5A system that is one of the major pathways for antiviral and antitumor functions induced by interferons(IFNs). Suppression of this enzyme induces reduction of viral replication in Hela cells, thus counteracting the antiviral pathway probably by inhibiting the 2-5A system.

Molecular Weight: 65kd

Gene ID: 201626

UniProt: [Q6L8Q7](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IF: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months