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# Datasheet for ABIN2728471 anti-PDE10A antibody

3 Images

1 Publication



### Overview

Quantity:	0.1 mL
Target:	PDE10A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

# Product Details

Immunogen:	Full-length protein expressed in 293T cell transfected with human PDE10A expression vector
Clone:	1B2
lsotype:	lgG1
Purification:	Purified from mouse ascites fluids by affinity chromatography

# Target Details

Target:	PDE10A
Alternative Name:	PDE10A (PDE10A Products)
Molecular Weight:	88.4 KDa
Gene ID:	10846
NCBI Accession:	NM_006661
HGNC:	10846

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## Target Details

#### Pathways:

#### cAMP Metabolic Process

# Application Details

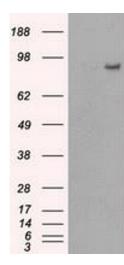
Application Notes:	WB 1:500, IHC 1:50,
Comment:	The concentration of the product may vary between diferrent lots.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5-1.0 mg/mL
Buffer:	PBS (pH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

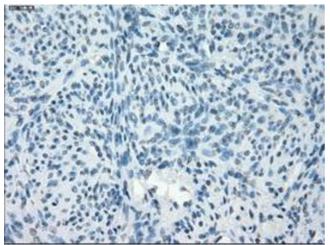
### Publications

Product cited in:Markmiller, Soltanieh, Server, Mak, Jin, Fang, Luo, Krach, Yang, Sen, Fulzele, Wozniak, Gonzalez,<br/>Kankel, Gao, Bennett, Lécuyer, Yeo: "Context-Dependent and Disease-Specific Diversity in<br/>Protein Interactions within Stress Granules." in: Cell, Vol. 172, Issue 3, pp. 590-604.e13, (2019) (<br/>PubMed).



#### Western Blotting

**Image 1.** HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDE10A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 µg per lane) were separated by SDS-PAGE and immunoblotted with anti-PDE10A.



#### Immunohistochemistry

**Image 2.** Immunohistochemical staining of paraffinembedded endometrium tissue using anti-PDE10A mouse monoclonal antibody. (ABIN2452521, Dilution 1:50)

	HepG2	HeLa	HT29	A549	COS7	Jurkat	MDCK	PC12	MCF7
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106 - 79 -	-	-		1	No. of				
48-						1980			
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#### Western Blotting

**Image 3.** Western blot analysis of extracts  $(35 \ \mu g)$  from 9 different cell lines by using anti-PDE10A monoclonal antibody.

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