Datasheet for ABIN2750986

anti-PDE5A antibody (phosphorylated)

4 Publications

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Overview

Quantity:	100 µg
Target:	PDE5A
Binding Specificity:	AA 120-170, phosphorylated
Reactivity:	Human, Rat, Mouse, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Phosphorylated synthetic peptide common to all PDE5A variants taken within amino acid region 120-170 on human PDE5A protein.
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PDE5A
Alternative Name:	PDE5A (PDE5A Products)
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0-1.25 µg/µL

Publications

Product cited in:

Rajagopal, Nalli, Kumar, Bhattacharya, Hu, Mahavadi, Grider, Murthy: "Cytokine-induced S-nitrosylation of soluble guanylyl cyclase and expression of phosphodiesterase 1A contribute to dysfunction of longitudinal smooth muscle relaxation." in: **The Journal of pharmacology and experimental therapeutics**, Vol. 352, Issue 3, pp. 509-18, (2015) (PubMed).

Bautista Niño, Durik, Danser, de Vries, Musterd-Bhaggoe, Meima, Kavousi, Ghanbari, Hoeijmakers, ODonnell, Franceschini, Janssen, De Mey, Liu, Shanahan, Franco, Dehghan, Roks: " Phosphodiesterase 1 regulation is a key mechanism in vascular aging." in: **Clinical science (London, England : 1979)**, Vol. 129, Issue 12, pp. 1061-75, (2015) (PubMed).

Luong, Rey-Perra, Vadivel, Gilmour, Sauve, Koonen, Walker, Todd, Gressens, Kassiri, Nadeem, Morgan, Eaton, Dyck, Archer, Thébaud: "Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia." in: **Circulation**, Vol. 123, Issue 19, pp. 2120-31, (2011) (PubMed).

Monfort, Muñoz, Felipo: "Chronic hyperammonemia in vivo impairs long-term potentiation in hippocampus by altering activation of cyclic GMP-dependent-protein kinase and of phosphodiesterase 5." in: **Journal of neurochemistry**, Vol. 94, Issue 4, pp. 934-42, (2005) (PubMed).