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Call: 1-800-991-RNAi/858-587-6645
(Pacific Time: 9:00AM-5:00PM)
Email: oligo@allelebiotech.com

Box 1 | Basic Info

Cat. No.	ABP-PAB-10229
Animal ID	RC40104
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	XM_291015
Amount	100 µg

Alternative Name(s): kinase D-interacting substance of 220 kDa

KIDINS220, Kinase

D-interacting substance of 220 kDa polyclonal antibody

A novel protein kinase D-interacting substrate of 220 kDa (KIDINS220) is the first identified protein kinase D (PKD), a serine/threonine kinase. KIDINS220 is an integral membrane protein that is expressed in brain and neuroendocrine cells. It is phosphorylated by PKD at serine 919 in vivo.

Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

KLH conjugated synthetic peptide comprised of amino acids 1747 - 1762 [ASSESTGFGEERESIL] of the human kinase D-interacting substance of 220 kDa (KIDINS220) protein.

Application:

Tested by peptide-specific ELISA (1:1,000).

Storage:

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

References:

1. Iglesias T, Cabrera-Poch N, Mitchell MP, Naven TJ, Rozengurt E, Schiavo G: Identification and cloning of Kidins220, a novel neuronal substrate of protein kinase D. J. Biol. Chem. 275(51): 40048-40056 (2000).