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Pragmin (phospho Tyr413) Polyclonal Antibody

Catalog # AP67168

Product Information

Application	WB, IHC-P
Primary Accession	Q86YV5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	149624

Additional Information

Gene ID	157285
Other Names	SGK223; Tyrosine-protein kinase SgK223; Sugen kinase 223
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

Name	PRAG1 (HGNC:25438)
Synonyms	SGK223
Function	Catalytically inactive protein kinase that acts as a scaffold protein. Functions as an effector of the small GTPase RND2, which stimulates RhoA activity and inhibits NGF-induced neurite outgrowth (By similarity). Promotes Src family kinase (SFK) signaling by regulating the subcellular localization of CSK, a negative regulator of these kinases, leading to the regulation of cell morphology and motility by a CSK-dependent mechanism (By similarity). Acts as a critical coactivator of Notch signaling (By similarity).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:D3ZMK9}. Cell junction, focal adhesion. Nucleus {ECO:0000250|UniProtKB:Q571I4}. Note=Colocalized with NOTCH1 in the nucleus. {ECO:0000250|UniProtKB:Q571I4}

Background

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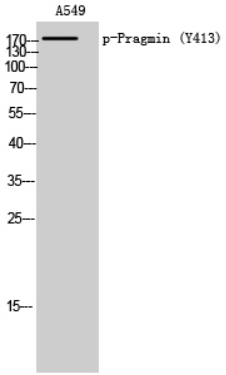
GTPase RND2, which stimulates RhoA activity and inhibits NGF-induced neurite outgrowth (By similarity). Promotes Src family kinase (SFK) signaling by regulating the subcellular localization of CSK, a negative regulator of these kinases, leading to the regulation of cell morphology and motility by a CSK-dependent mechanism (By similarity). Acts as a critical coactivator of Notch signaling (By similarity).

Images



Western Blot analysis of A549 cells using Phospho-Pragmin (Y413) Polyclonal Antibody