

Pragmin (phospho Tyr413) Polyclonal Antibody
Catalog # AP67168**Specification**

Pragmin (phospho Tyr413) Polyclonal Antibody - Product Information

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

Pragmin (phospho Tyr413) Polyclonal Antibody - 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°C

Pragmin (phospho Tyr413) Polyclonal Antibody - 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

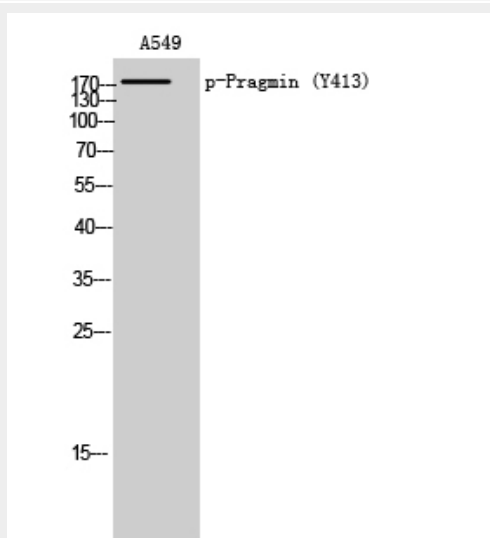
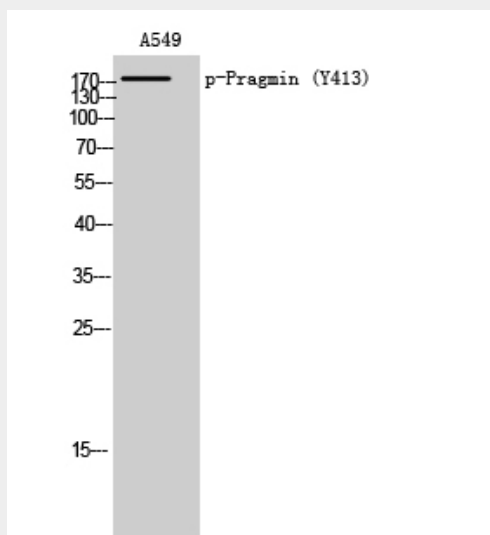
Cytoplasm {ECO:0000250|UniProtKB:D3ZMK9}. Cell junction, focal adhesion. Nucleus {ECO:0000250|UniProtKB:Q57114}. Note=Colocalized with NOTCH1 in the nucleus. {ECO:0000250|UniProtKB:Q57114}

Pragmin (phospho Tyr413) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Pragmin (phospho Tyr413) Polyclonal Antibody - Images



Pragmin (phospho Tyr413) Polyclonal Antibody - Background

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).