

ARG45805 anti-PRAGMIN / SGK223 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PRAGMIN / SGK223
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PRAGMIN / SGK223
Species	Human
Immunogen	Recombinant protein containing to human PRAGMIN / SGK223.
Conjugation	Un-conjugated
Alternate Names	PRAG1; PEAK1 Related, Kinase-Activating Pseudokinase 1; Sgk223; Sugen Kinase 223; PRAGMIN; PEAK2; NACK; Inactive Tyrosine-Protein Kinase PRAG1; Pragmin, RND2 Effector Protein; PEAK Family Member 2; DKFZp761P0423; PEAK1-Related Kinase-Activating Pseudokinase 1; Tyrosine-Protein Kinase Sgk223; Homolog Of Rat Pragma Of Rnd2; Tyrosine-Protein Kinase PRAG1; Pragmin; SGK223

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	200 kDa	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PRAG1
Gene Full Name	PEAK1 Related, Kinase-Activating Pseudokinase 1
Background	This gene encodes an enzyme that belongs to the tyrosine protein kinase family. A similar protein in rat binds to Rho family GTPase 2 (Rnd2) and regulates neurite outgrowth via activation of Ras homolog gene family, member A (RhoA). [provided by RefSeq, Mar 2014]
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). [UniProt]
Calculated Mw	150 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cell junction; Cytoplasm; Nucleus. [UniProt]