

# ARG43955 anti-PRKCSH antibody

Package: 50 μg Store at: -20°C

# Summary

Product Description	Rabbit Polyclonal antibody recognizes PRKCSH
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	lgG
Target Name	PRKCSH
Species	Human
Immunogen	Human PRKCSH recombinant protein
Conjugation	Un-conjugated
Alternate Names	PRKCSH; Protein Kinase C Substrate 80K-H; Glucosidase 2 Subunit Beta; VASAP-60; G19P1; GIIB; Protein Kinase C Substrate 60.1 KDa Protein Heavy Chain; Advanced Glycation End-Product Receptor 2; Glucosidase II Subunit Beta; Hepatocystin; PKCSH; PCLD; PLD1; Protein Kinase C Substrate, 80 Kda Protein; Glucosidase II Beta Subunit; Polycystic Liver Disease; AGE-Binding Receptor 2; 80K-H Protein; AGE-R2; PCLD1

## **Application Instructions**

Application table	Application	Dilution
	ELISA	0.1-0.5 μg/ml
	FACS	1-3 μg /1x10^6 cells
	ICC/IF	5 μg/ml
	WB	0.1-0.25 μg/ml
Application Note	* The dilutions indicate recomme should be determined by the scie	ended starting dilutions and the optimal dilutions or concentrations entist.

## **Properties**

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 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.

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

## Bioinformation

Note

Gene Symbol	PRKCSH
Gene Full Name	Protein Kinase C Substrate 80K-H
Background	This gene encodes the beta-subunit of glucosidase II, an N-linked glycan-processing enzyme in the endoplasmic reticulum. The encoded protein is an acidic phosphoprotein known to be a substrate for protein kinase C. Mutations in this gene have been associated with the autosomal dominant polycystic liver disease. Alternative splicing results in multiple transcript variants.
Function	Regulatory subunit of glucosidase II that cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc2Man9GlcNAc2 oligosaccharide precursor of immature glycoproteins.
Calculated Mw	59 kDa
PTM	Disulfide bond, Glycoprotein, Phosphoprotein
Cellular Localization	Endoplasmic reticulum

## Images



#### ARG43955 anti-PRKCSH antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG43955 anti-PRKCSH antibody at 5  $\mu g/ml$  dilution.



### ARG43955 anti-PRKCSH antibody WB image

Western blot: 293T and Hela stained with ARG43955 anti-PRKCSH antibody at 0.5  $\mu g/mL$  dilution.



#### ARG43955 anti-PRKCSH antibody FACS image

Flow Cytometry: SiHa cells stained with ARG43955 anti-PRKCSH antibody (blue) at 1  $\mu g/1 x 10^{6}$  cells dilution.

#### ARG43955 anti-PRKCSH antibody WB image

Western blot: Rat liver and L6 stained with ARG43955 anti-PRKCSH antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



# kDa - 180 - 120 - 90 - 70 - 50 - 40

#### ARG43955 anti-PRKCSH antibody WB image

Western blot: mouse liver and C2C12 stained with ARG43955 anti-PRKCSH antibody at 0.5  $\mu g/ml$  dilution.