

ARG45329 anti-PFN3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes PFN3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	PFN3
Species	Human
Immunogen	Recombinant protein containing to human PFN3.
Conjugation	Un-conjugated
Alternate Names	PFN3; Profilin 3; Profilin III; Profilin-3

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	15 kDa	

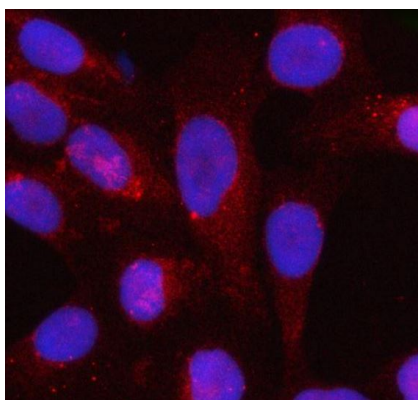
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
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

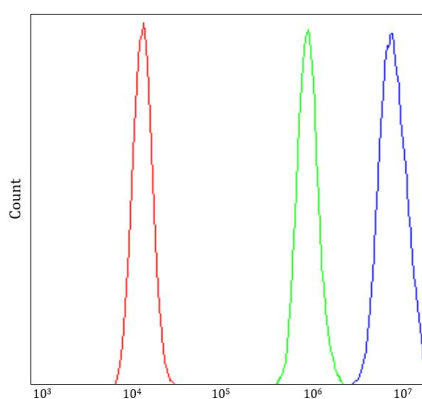
Gene Symbol	PFN3
Gene Full Name	Profilin 3
Background	The product of this gene belongs to the profilin family of proteins. This protein binds to actin and affects the structure of the cytoskeleton. It also may be involved in spermatogenesis. It is a single exon gene. [provided by RefSeq, Jul 2008]
Function	Binds to actin and affects the structure of the cytoskeleton. Slightly reduces actin polymerization. Binds to poly-L-proline, phosphatidylinositol 3-phosphate (PtdIns3P), phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) and phosphatidylinositol 4-phosphate (PtdIns4P). May be involved in spermatogenesis.. [UniProt]
Calculated Mw	15 kDa
Cellular Localization	Cytoplasm; Cytoskeleton; Nucleus. [UniProt]

Images



ARG45329 anti-PFN3 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45329 anti-PFN3 antibody at 5 ug/ml dilution.



ARG45329 anti-PFN3 antibody FACS image

Flow Cytometry: HEL stained with ARG45329 anti-PFN3 antibody at 1 µg/10⁶ cells dilution.



ARG45329 anti-PFN3 antibody WB image

Western blot: C6 stained with ARG45329 anti-PFN3 antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45329 anti-PFN3 antibody WB image

Western blot: RAW264.7 stained with ARG45329 anti-PFN3 antibody at 0.5 $\mu\text{g/ml}$ dilution.