

ARG45432 anti-ZNRF3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ZNRF3
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ZNRF3
Species	Human
Immunogen	Recombinant protein containing to human ZNRF3.
Conjugation	Un-conjugated
Alternate Names	ZNRF3; Zinc And Ring Finger 3; RNF203; BK747E2.3; KIAA1133; RING-Type E3 Ubiquitin Transferase ZNRF3; E3 Ubiquitin-Protein Ligase ZNRF3; Zinc/RING Finger Protein 3; RING Finger Protein 203; FLJ22057; Novel C3HC4 Type Zinc Finger (Ring Finger); CTA-292E10.6; EC 2.3.2.27

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	130 kDa	

Properties

Form	Powder
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.

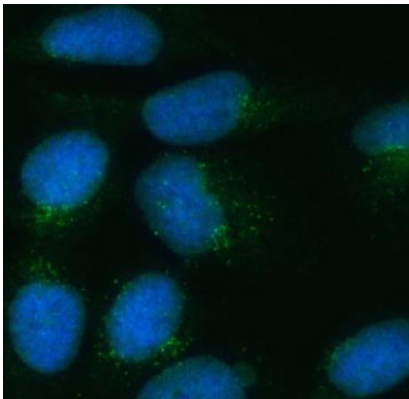
Note

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

Bioinformation

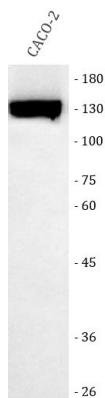
Gene Symbol	ZNRF3
Gene Full Name	Zinc And Ring Finger 3
Background	Enables frizzled binding activity and ubiquitin-protein transferase activity. Involved in negative regulation of Wnt signaling pathway; protein ubiquitination; and ubiquitin-dependent protein catabolic process. Located in plasma membrane. [provided by Alliance of Genome Resources, Nov 2024]
Function	E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination and subsequent degradation of Wnt receptor complex components Frizzled and LRP6. Acts on both canonical and non-canonical Wnt signaling pathway. Acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway, thereby restricting the size of the intestinal stem cell zone. [UniProt]
Calculated Mw	101 kDa
Cellular Localization	Cell membrane. [UniProt]

Images



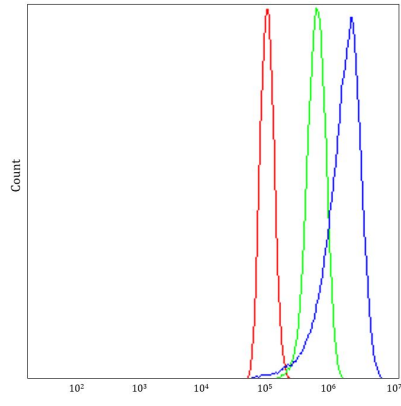
ARG45432 anti-ZNRF3 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45432 anti-ZNRF3 antibody at 5 µg/ml dilution.



ARG45432 anti-ZNRF3 antibody WB image

Western blot: CACO-2 stained with ARG45432 anti-ZNRF3 antibody at 0.5 µg/ml dilution.



ARG45432 anti-ZNRF3 antibody FACS image

Flow Cytometry: PC-3 stained with ARG45432 anti-ZNRF3 antibody at 1 µg/10⁶ cells dilution.