

ARG45227 anti-CCDC115 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CCDC115
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	CCDC115
Species	Human
Immunogen	Recombinant protein containing to human CCDC115.
Conjugation	Un-conjugated
Alternate Names	CCDC115; Coiled-Coil Domain Containing 115; Ccp1; Coiled-Coil Domain-Containing Protein 115; MGC12981; FLJ30131; CDG20

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 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	20 kDa	

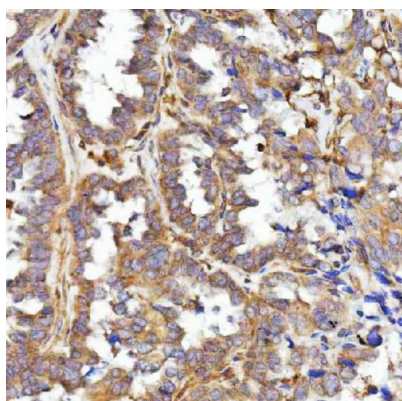
Properties

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.

Bioinformation

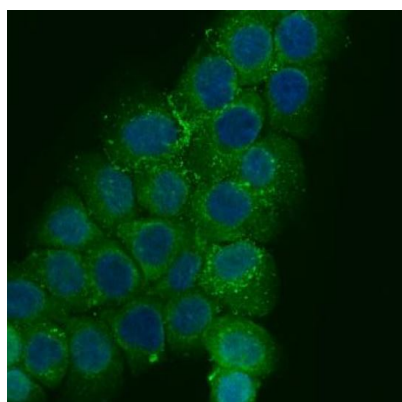
Gene Symbol	CCDC115
Gene Full Name	Coiled-Coil Domain Containing 115
Background	The protein encoded by this gene has been observed to localize to the endoplasmic reticulum (ER)-Golgi intermediate compartment (ERGIC) and coat protein complex I (COPI) vesicles in some human cells. The encoded protein shares some homology with the yeast V-ATPase assembly factor Vma22p, and the orthologous protein in mouse promotes cell proliferation and suppresses cell death. Defects in this gene are a cause of congenital disorder of glycosylation, type Ilo in humans. [provided by RefSeq, Mar 2016]
Function	Accessory component of the proton-transporting vacuolar (V)-ATPase protein pump involved in intracellular iron homeostasis. In aerobic conditions, required for intracellular iron homeostasis, thus triggering the activity of Fe ²⁺ prolyl hydroxylase (PHD) enzymes, and leading to HIF1A hydroxylation and subsequent proteasomal degradation. Necessary for endolysosomal acidification and lysosomal degradation. [UniProt]
Calculated Mw	20 kDa
Cellular Localization	Cytoplasmic vesicle; Endoplasmic reticulum; Endosome; Lysosome. [UniProt]

Images



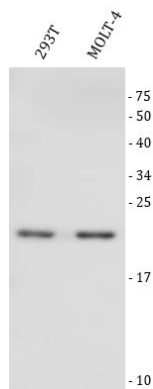
ARG45227 anti-CCDC115 antibody IHC-P image

Immunohistochemistry: Human ovarian cancer stained with ARG45227 anti-CCDC115 antibody at 2 µg/ml dilution.



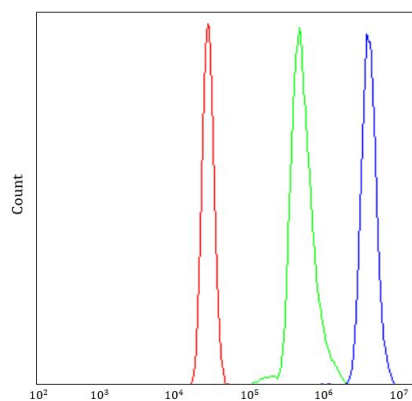
ARG45227 anti-CCDC115 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45227 anti-CCDC115 antibody at 5 µg/ml dilution.



ARG45227 anti-CCDC115 antibody WB image

Western blot: 293T and MOLT-4 stained with ARG45227 anti-CCDC115 antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45227 anti-CCDC115 antibody FACS image

Flow Cytometry: U937 stained with ARG45227 anti-CCDC115 antibody at 1 $\mu\text{g}/10^6$ cells dilution.