

## ARG43131 anti-RNF169 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RNF169
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RNF169
Species	Human
Immunogen	Recombinant protein corresponding to N311-K708 of Human RNF169.
Conjugation	Un-conjugated
Alternate Names	E3 ubiquitin-protein ligase RNF169; EC 6.3.2.-; RING finger protein 169

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 90 kDa	

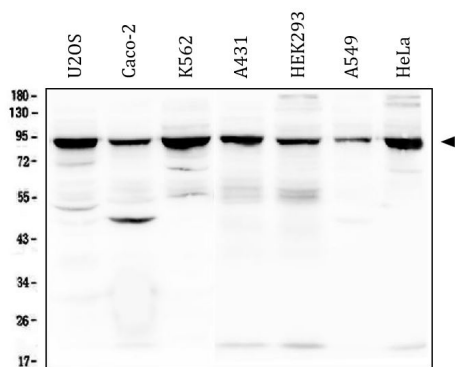
### Properties

Form	Liquid
Purification	Immunogen affinity purified.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
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	RNF169
Gene Full Name	ring finger protein 169
Function	Probable E3 ubiquitin-protein ligase that acts as a negative regulator of double-strand breaks (DSBs) repair following DNA damage. Recruited to DSB repair sites by recognizing and binding ubiquitin catalyzed by RNF168 and competes with TP53BP1 and BRCA1 for association with RNF168-modified chromatin, thereby acting as a negative regulator of DSBs repair. E3 ubiquitin-protein ligase activity is not required for regulation of DSBs repair. [UniProt]
Calculated Mw	77 kDa
Cellular Localization	Nucleus, nucleoplasm. Note=Localizes to sites of double-strand breaks (DSBs) following DNA damage. Recruited to DSBs via recognition of RNF168-dependent ubiquitin products. [UniProt]

Images



ARG43131 anti-RNF169 antibody WB image

Western blot: 50 µg of sample under reducing conditions. U2OS, Caco-2, K562, A431, HEK293, A549 and HeLa whole cell lysates stained with ARG43131 anti-RNF169 antibody at 0.5 µg/ml dilution, overnight at 4°C.