

ARG42902 anti-N4BP1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes N4BP1
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	N4BP1
Species	Mouse
Immunogen	Recombinant fusion protein corresponding to aa. 190-590 of Mouse N4BP1 (NP_085040.2).
Conjugation	Un-conjugated
Alternate Names	N4BP1; NEDD4-binding protein 1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	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.	
Positive Control	Jurkat	
Observed Size	~ 125 kDa	

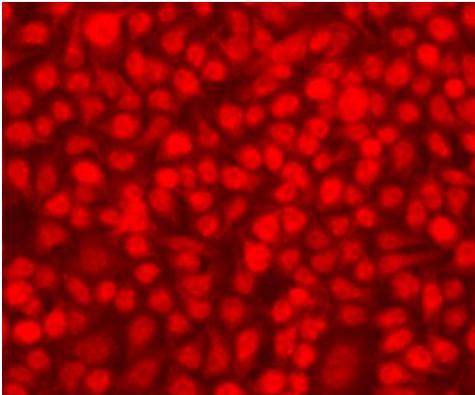
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

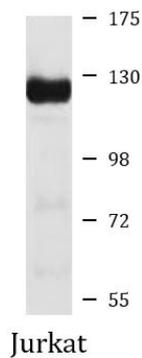
Gene Symbol	N4BP1
Gene Full Name	NEDD4 binding protein 1
Function	Inhibitor of the E3 ubiquitin-protein ligase ITCH. Acts by interacting with the second WW domain of ITCH, leading to compete with ITCH's substrates and impairing ubiquitination of substrates (By similarity). [UniProt]
Calculated Mw	99 kDa
PTM	Monoubiquitinated by NEDD4. Polyubiquitinated, leading to its degradation by the proteasome. Sumoylated with SUMO1, abrogating polyubiquitination and subsequent degradation. Desumoylated by SENP1, leading to accumulation in PML nuclear bodies (By similarity). [UniProt]
Cellular Localization	Nucleus, nucleolus. Nucleus, PML body. Note=Primarily localizes to the nucleolus. Also localizes to the PML nuclear bodies, when desumoylated (By similarity). [UniProt]

Images



ARG42902 anti-N4BP1 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG42902 anti-N4BP1 antibody at 1:100 dilution.



ARG42902 anti-N4BP1 antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG42902 anti-N4BP1 antibody at 1:1000 dilution.