

ARG66466 anti-CHRA17 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CHRA17
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CHRA17
Species	Human
Immunogen	Recombinant full length protein of Human CHRA17.
Conjugation	Un-conjugated
Alternate Names	DNA polymerase II subunit 3; CHRA17; HuCHRA17; Chromatin accessibility complex 17 kDa protein; YBL1; AsTP; DNA polymerase epsilon subunit p17; Arsenic-transactivated protein; p17; CHARA17; CHRA17; EC 2.7.7.7; DNA polymerase epsilon subunit 3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	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	~ 17 kDa	

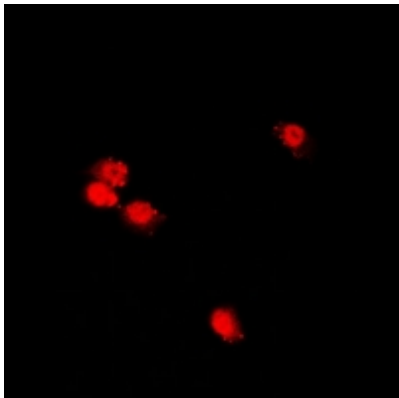
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% 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.

Bioinformation

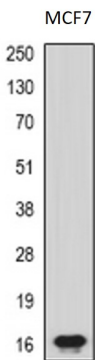
Gene Symbol	POLE3
Gene Full Name	polymerase (DNA directed), epsilon 3, accessory subunit
Background	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004]
Function	Forms a complex with DNA polymerase epsilon subunit CHRAC1 and binds naked DNA, which is then incorporated into chromatin, aided by the nucleosome-remodeling activity of ISWI/SNF2H and ACF1. [UniProt]
Calculated Mw	17 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG66466 anti-CHRAC17 antibody ICC/IF image

Immunofluorescence: Formalin-fixed U2OS cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were stained with ARG66466 anti-CHRAC17 antibody (red) in 3% BSA-PBS and incubated overnight at 4°C in a hidified chamber.



ARG66466 anti-CHRAC17 antibody WB image

Western blot: MCF7 whole cell lysate stained with ARG66466 anti-CHRAC17 antibody.