

CDKN2A / p14ARF antibody

Cat. No. GTX129903

| | |
|-------------|----------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Application | WB, ICC/IF, IP |
| Reactivity | Human |

Reference (1)
Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | 1:100-1:1000 |
| IP | 1:100-1:500 |

Not tested in other applications.

Calculated MW 17 kDa. ([Note](#))

PROPERTIES

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 2.02 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human CDKN2A / p14ARF. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

Note

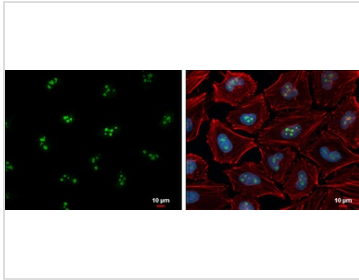
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DATA IMAGES



GTx129903 ICC/IF Image

p14ARF antibody detects p14ARF protein at nucleolus by immunofluorescent analysis.

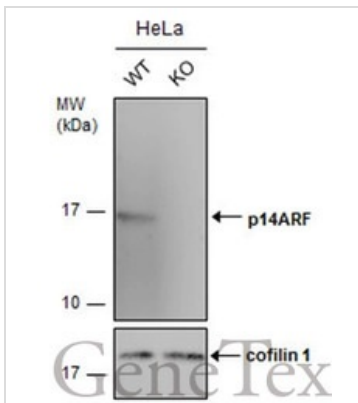
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: p14ARF protein stained by p14ARF antibody (GTx129903) diluted at 1:500.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:200.

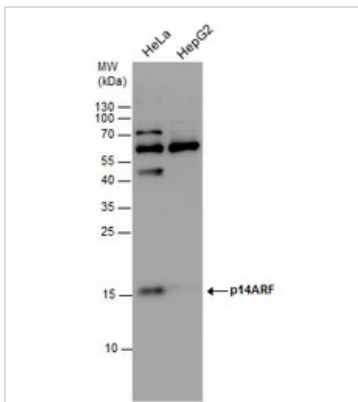
Blue: Hoechst 33342 staining.

Scale bar = 10 μm.



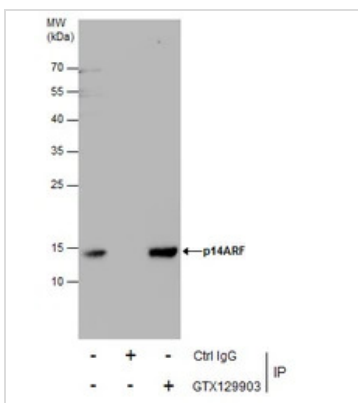
GTx129903 WB Image

Wild-type (WT) and p14ARF knockout (KO) HeLa cell extracts (30 μg) were separated by 15% SDS-PAGE, and the membrane was blotted with p14ARF antibody (GTx129903) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx129903 WB Image

p14ARF antibody detects p14ARF protein by western blot analysis. Whole cell extracts (30 μg) was separated by 15% SDS-PAGE, and the membrane was blotted with p14ARF antibody (GTx129903) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx129903 IP Image

Immunoprecipitation of p14ARF protein from HeLa whole cell extracts using 5 μg of p14ARF antibody (GTx129903).

Western blot analysis was performed using p14ARF antibody (GTx129903).

EasyBlot anti-Rabbit IgG (GTx221666-01) was used as a secondary reagent.



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