

ARG44088 anti-NAT10 / hALP antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal recognizes NAT10 / hALP |
| Tested Reactivity | Hu |
| Tested Application | FACS, ICC/IF, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NAT10 / hALP |
| Species | Human |
| Immunogen | Human NAT10 recombinant protein (Position: Q22-L740). |
| Conjugation | Un-conjugated |
| Alternate Names | N-acetyltransferase 10; NET43; EC 2.3.1.-; ALP |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|--------------------------------|
| | FACS | 1 - 3 µg/10 ⁶ cells |
| | ICC/IF | 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.

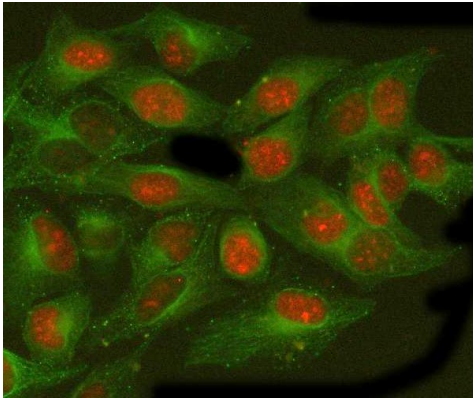
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 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

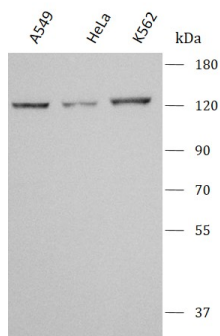
| | |
|----------------|---|
| Gene Symbol | NAT10 |
| Gene Full Name | N-acetyltransferase 10 (GCN5-related) |
| Function | Has protein acetyltransferase activity in vitro. Can acetylate both histones and microtubules. Histone acetylation may regulate transcription and mitotic chromosome de-condensation. Activates telomerase activity by stimulating the transcription of TERT, and may also regulate telomerase function by affecting the balance of telomerase subunit assembly, disassembly, and localization. Acetylates alpha-tubulin, which may affect microtubule stability and cell division. [UniProt] |
| Research Area | Cell Biology and Cellular Response antibody; Gene Regulation antibody; Signaling Transduction antibody |
| Calculated Mw | 116 kDa |

Images



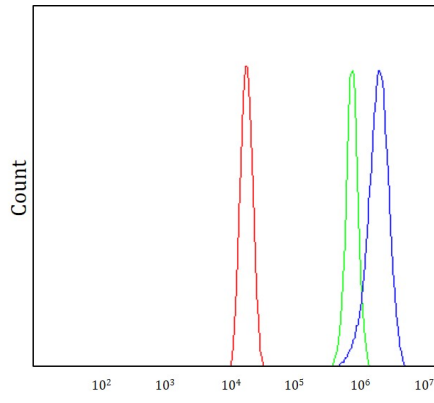
ARG44088 anti-NAT10 / hALP antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG44088 anti-NAT10 / hALP antibody at 5 µg/ml dilution.



ARG44088 anti-NAT10 / hALP antibody WB image

Western blot: A549, HeLa and K562 stained with ARG44088 anti-NAT10 / hALP antibody at 0.5 µg/mL dilution.



ARG44088 anti-NAT10 / hALP antibody FACS image

Flow Cytometry: HeLa stained with ARG44088 anti-NAT10 / hALP antibody at $1 \mu\text{g}/10^6$ cells dilution.