

ARG66855 anti-ZFP42 / Rex1 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes ZFP42 / Rex1 |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | ZFP42 / Rex1 |
| Species | Human |
| Immunogen | Synthetic peptide between aa. 70-150 of Human ZFP42 / Rex1. |
| Conjugation | Un-conjugated |
| Alternate Names | Zinc finger protein 42 homolog; hREX-1; Reduced expression protein 1; Zfp-42; REX1; Zinc finger protein 754; ZNF754; REX-1; zfp-42 |

Application Instructions

| Application table | <table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table> | Application | Dilution | WB | 1:500 - 1:2000 |
|-------------------|--|-------------|----------|----|----------------|
| 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. | | | | |
| Positive Control | K562 | | | | |
| Observed Size | ~ 34 kDa | | | | |

Properties

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|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | PBS, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 1 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. 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. |

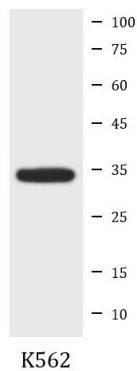
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

| | |
|-----------------------|--|
| Gene Symbol | ZFP42 |
| Gene Full Name | ZFP42 zinc finger protein |
| Function | Involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter. Involved in ES cell self-renewal (By similarity). [UniProt] |
| Calculated Mw | 35 kDa |
| PTM | Polyubiquitinated by RNF12, leading to proteasomal degradation. [UniProt] |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG66855 anti-ZFP42 / Rex1 antibody WB image

Western blot: K562 cell lysate stained with ARG66855 anti-ZFP42 / Rex1 antibody at 1:1000 dilution, overnight at 4°C.