

Anti-ZNF93 Polyclonal Antibody

Product Details

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|-------------------|--------------------------------------|
| Ig Type: | IgG |
| Reactivity: | Human |
| Molecular Weight: | Theoretical: 71 kDa. Actual: 71 kDa. |
| Purification: | Protein A purified |

Applications

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|--------------------|---|
| Sample: | HL-60 (Human) Cell Lysate at 40 µg MCF-7 (Human) Cell Lysate at 40 µg |
| Verified Activity: | Primary: Anti-ZNF93 (TMAB-14447) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 71 kD Observed band size: 71 kD |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human ZBT24/ZNF45 |
| Antigen Species: | Human |
| Gene ID: | 81931 |
| Uniprot ID: | P35789 |

Research Background

Transcription factor specifically required to repress long interspersed nuclear element 1 (L1) retrotransposons: recognizes and binds L1 sequences and repress their expression by recruiting a repressive complex containing TRIM28/KAP1 (PubMed:25274305). Not able to repress expression of all subtypes of L1 elements. Binds to the 5' end of L1PA4, L1PA5 and L1PA6 subtypes, and some L1PA3 subtypes. Does not bind to L1PA7 or older subtypes nor at the most recently evolved L1PA2 and L1Hs. 50% of L1PA3 elements have lost the ZNF93-binding site, explaining why ZNF93 is not able to repress their expression (PubMed:25274305).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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