

Anti-FASP1 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human (predicted:Mouse,Rat,Dog,Horse,Sheep) |
| Molecular Weight: | Theoretical: 26 kDa. Actual: 26 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Sample: U251 Cell (Human) Lysate at 30 µg Primary: Anti-FASP1 (TMAB-05905) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 26 kD Observed band size: 26 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 FASP1/C21orf45 |
| Antigen Species: | Human |
| Gene ID: | 54069 |
| Uniprot ID: | Q9NYP9 |

Research Background

Mapping to chromosome 21, the FASP1 gene (FAPP1-associated protein 1) encodes a 233 amino acid protein that is homologous to the fission yeast protein Mis18. In yeast, Mis18 is localized to the centrosome and forms a complex with Mis16 to maintain the deacetylated state of histones specifically in the central core of centromeres. FASP1, also known as Protein Mis18-alpha and C21orf45, is required for the recruitment of CENP-A to centrosomes and is thereby essential for normal chromosome segregation during mitosis. With expression in testis, FASP1 exists as a homodimer, a heterodimer with MIS18B or is present in a complex containing other Mis18 family members. FASP1 has been shown to bind to pp5644 in Hela cells, where overexpression of pp5644 leads to inhibited growth and colony formation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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