

Anti-Deformed Epidermal Autoregulatory Factor 1 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Mouse (predicted:Rat,Chicken,Dog,Cow,Horse,Human) |
| Molecular Weight: | Theoretical: 59 kDa. Actual: 59 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | Sample: Pancreas (Mouse) Lysate at 40 µg Primary: Anti-Deformed Epidermal Autoregulatory Factor 1 (TMAB-05066) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kD Observed band size: 59 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 Deformed Epidermal Autoregulatory Factor 1 |
| Antigen Species: | Human |
| Gene ID: | 10522 |
| Uniprot ID: | O75398 |

Research Background

Suppressin, also known as DEAF1 is a transcription factor required for embryonic development. Suppressin contains one SAND domain and one C-terminal MYND-type zinc finger. It interacts with LMO4 and CLIM-2, suggesting that it plays a role mediating cell fate and embryonic pattern formation. Suppressin is expressed in a variety of tissues and localizes to the nucleus. Several isoforms exist due to alternative splicing and, depending on the isoform, Suppressin is secreted in some cell types. Secreted Suppressin can function to inhibit cell proliferation, arresting cells in the G0 or G1 phase. Mutations in the gene encoding Suppressin may result in a growth advantage leading to the development and progression of neoplasia. This suggest that Suppressin is a potential target for cancer therapy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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