

Datasheet for ABIN2779151
anti-CELF4 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

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| Quantity: | 100 µL |
| Target: | CELF4 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Pig, Rabbit, Cow, Horse, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CELF4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human BRUNOL4 |
| Sequence: | PMAAFAAAQM QQMAALNMNG LAAAPMTPTS GGSTPPGITA PAVPSIPSP |
| Predicted Reactivity: | Cow: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against BRUNOL4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | CELF4 |
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Target Details

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| Alternative Name: | BRUNOL4 (CELF4 Products) |
| Background: | <p>Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mR</p> <p>Alias Symbols: BRUNOL-4, CELF4, BRUNOL4</p> <p>Protein Interaction Partner: APP, LYST,</p> <p>Protein Size: 486</p> |
| Molecular Weight: | 52 kDa |
| Gene ID: | 56853 |
| NCBI Accession: | NM_020180 , NP_064565 |
| UniProt: | Q9BZC1 |
| Pathways: | Ribonucleoprotein Complex Subunit Organization , Synaptic Membrane |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 486 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Publications

Product cited in: Sugatani, Nishitani, Yamakawa, Yoshinari, Sueyoshi, Negishi, Miwa: "Transcriptional regulation of human UGT1A1 gene expression: activated glucocorticoid receptor enhances constitutive androstane receptor/pregnane X receptor-mediated UDP-glucuronosyltransferase 1A1 regulation with glucocorticoid receptor-interacting protei" in: **Molecular pharmacology**, Vol. 67, Issue 3, pp. 845-55, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-BRUNOL4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate