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Datasheet for ABIN2786897

anti-NOP58 antibody (Middle Region)

1 Image

1 Publication

Overview

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| Quantity: | 100 µL |
| Target: | NOP58 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NOP58 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 NOP5/NOP58 |
| Sequence: | LRTLDRGIR KISGTGKALA KTEKYEHKSE VKTYDPSGDS TLPTCSKKRK |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 86%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against NOP5/NOP58. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | NOP58 |
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Target Details

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| Alternative Name: | NOP5 (NOP58 Products) |
| Background: | <p>NOP58 is required for 60S ribosomal subunit biogenesis</p> <p>Alias Symbols: HSPC120, NOP5, NOP5/NOP58</p> <p>Protein Interaction Partner: UBC, SUMO2, SUMO3, SUMO1, SUZ12, EED, RNF2, BMI1, rev, CDK11A, CDK15, CDK20, TARDBP, FN1, ESR1, CSNK2A1, WHSC1, RPLP0P6, FTSJ3, NIFK, NOC4L, NHP2, GNL3, RSL1D1, NCSTN, BOP1, RRS1, EBNA1BP2, UTP14A, NOP56, NOLC1, PRPF3, SART1, U2AF1, RPS24, RPS15A, RPS14,</p> <p>Protein Size: 529</p> |
| Molecular Weight: | 59 kDa |
| Gene ID: | 51602 |
| NCBI Accession: | NM_015920 , NP_057018 |
| UniProt: | Q9Y2X3 |
| Pathways: | Protein targeting to Nucleus |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 529 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 |

Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-NOP5 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: MCF7 cell lysate