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Datasheet for ABIN2613409 anti-CENPE antibody (AA 2593-2604)

Overview

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| Quantity: | 100 µg |
| Target: | CENPE |
| Binding Specificity: | AA 2593-2604 |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This CENPE antibody is un-conjugated |
| Application: | ELISA |

Product Details

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| Purpose: | Centromere protein E (aa2593-2604) |
| Sequence: | KREAHKQVTC EN |
| Isotype: | IgG |
| Specificity: | This antibody is expected to recognize both reported isoforms (NP_001804.2, NP_001273663.1). |
| Cross-Reactivity: | Human |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Recent |

Target Details

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| Target: | CENPE |
| Alternative Name: | CENPE (CENPE Products) |
| Background: | CENPE, centromere protein E, 312 kDa, CENP-E, KIF10, PPP1R61, Centromere autoantigen E (312kD), centromere-associated protein E, kinesin family member 10, kinesin-related protein CENPE, protein phosphatase 1, regulatory subunit 61 |
| Gene ID: | 1062 |
| NCBI Accession: | NP_001804 , NP_001273663 |
| Pathways: | M Phase , Maintenance of Protein Location |

Application Details

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| Application Notes: | Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 316 kDa according to NP_001804.2. Therefore we cannot recommend an optimal concentration and the antibody i Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| 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: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |