Datasheet for ABIN7448647

# anti-KIF2C antibody (AA 50-100)

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## Overview

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| Quantity: | 25 µg |
| Target: | KIF2C |
| Binding Specificity: | AA 50-100 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KIF2C antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC) |

## Product Details

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| Purpose: | Rabbit anti-MCAK IHC Antibody, Affinity Purified |
| Immunogen: | Between AA 50 and 100 |
| Isotype: | IgG |
| Predicted Reactivity: | Rat,Pig |
| Purification: | Affinity Purified |

## Target Details

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| Target: | KIF2C |
| Alternative Name: | MCAK (KIF2C Products) |
| Background: | Background: Kinesin activity has been linked to various cellular functions such as vesicle |

## Target Details

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| | transport, mitotic spindle formation, chromosome segregation, chromosome congression, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. MCAK (Mitotic Centromere-Associated Kinesin) is the founding member of kinesin-13 proteins. There are 3 independent genes coding for kinesin-13 proteins kif2a, kif2b, and kif2c (MCAK). Instead of functioning as a translocator of microtubules MCAK is a depolymerizer that is primarily responsible for releasing improper microtubule-kinetochore attachments during cell division. |
| Gene ID: | 73804 |
| NCBI Accession: | NP_608301 |
| UniProt: | Q922S8 |
| Pathways: | Microtubule Dynamics |

## Application Details

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| Application Notes: | 1:100 - 1:500 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Concentration: | 250 µg/mL |
| Buffer: | Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C |
| Expiry Date: | 12 months |