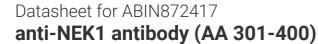
antibodies - online.com









Overview

Publication



| Quantity: | 100 μL |
|----------------------|-------------------------------------------------------------------------------------------|
| Target: | NEK1 |
| Binding Specificity: | AA 301-400 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NEK1 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), |
| | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- |
| | embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human NEK1 |
|-----------------------|----------------------------------------------------------|
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Rabbit |
| Purification: | Purified by Protein A. |
| | |

Target Details

Target: NEK1

Target Details

| Target Details | |
|-----------------------------------------------------------------------------------------------------|--|
| NEK1 (NEK1 Products) | |
| Synonyms: SRPS2, SRTD6, SRPS2A, NY-REN-55, Serine/threonine-protein kinase Nek1, Never in | |
| mitosis A-related kinase 1, NimA-related protein kinase 1, Renal carcinoma antigen NY-REN-55, | |
| NEK1, KIAA1901 | |
| Background: Phosphorylates serines and threonines, but also appears to possess tyrosine | |
| kinase activity. Implicated in the control of meiosis (By similarity). Involved in cilium assembly. | |
| In response to injury that includes DNA damage, NEK1 phosphorylates VDAC1 to limit | |
| mitochondrial cell death. | |
| 4750 | |
| Q96PY6 | |
| | |
| WB 1:300-5000 | |
| ELISA 1:500-1000 | |
| IHC-P 1:200-400 | |
| IHC-F 1:100-500 | |
| IF(IHC-P) 1:50-200 | |
| IF(IHC-F) 1:50-200 | |
| IF(ICC) 1:50-200 | |
| For Research Use only | |
| | |
| Liquid | |
| 1 μg/μL | |
| 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. | |
| ProClin | |
| This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be | |
| handled by trained staff only. | |
| 4 °C,-20 °C | |
| Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | |
| 12 months | |
| | |

Publications

Product cited in:

Yeo, Becherel, Luff, Graham, Richard, Lavin: "Senataxin controls meiotic silencing through ATR activation and chromatin remodeling." in: **Cell discovery**, Vol. 1, pp. 15025, (2016) (PubMed).