

Datasheet for ABIN781938
anti-NEK2 antibody (AA 331-445)[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 50 µg |
| Target: | NEK2 |
| Binding Specificity: | AA 331-445 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This NEK2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| | |
|---------------|--|
| Immunogen: | NEK2 antibody was raised against NEK2 (AAH43502, 331 a.a. ~ 445 a.a) partial recombinant protein with GST tag. |
| Clone: | 2F6 |
| Isotype: | IgG2a |
| Specificity: | This antibody recognizes NEK2. |
| Purification: | Affinity Chromatography on Protein A |

Target Details

| | |
|---------|------|
| Target: | NEK2 |
|---------|------|

Target Details

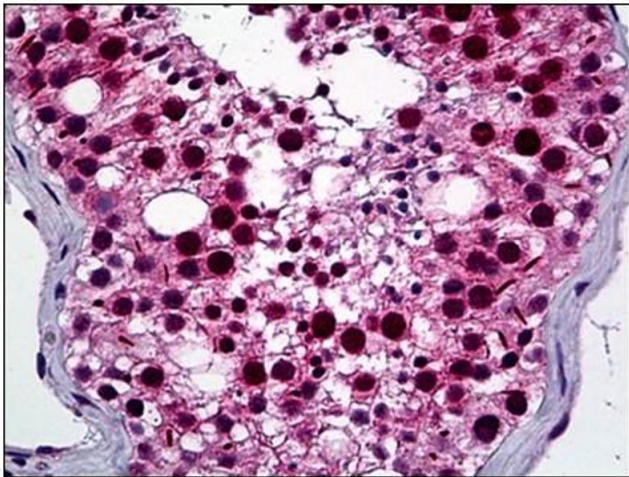
| | |
|-------------------|--|
| Alternative Name: | NEK2 (NEK2 Products) |
| Background: | NEK2, also called serine/threonine-protein kinase Nek2NimA-related protein kinase 2, NimA-like protein kinase 1 and HSPK 21, is a protein kinase involved in mitotic regulation that may have a role at the G2-M transition and may also play a role in meiosis. NEK2 has a nuclear localization and accumulates throughout S phase and shows maximal levels in late G2. This expression pattern is highly reminiscent of that of A and B cyclins.Synonyms: HSPK 21, NLK1, NimA-related protein kinase 2, Serine/threonine-protein kinase Nek2 |
| Gene ID: | 4751 |
| NCBI Accession: | NP_001191111 |
| UniProt: | P51955 |
| Pathways: | M Phase |

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

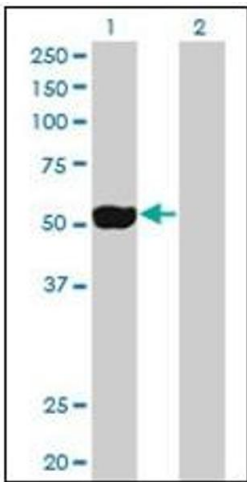
Handling

| | |
|------------------|---|
| Concentration: | 0.5 mg/mL |
| Buffer: | PBS, pH 7.2 |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |



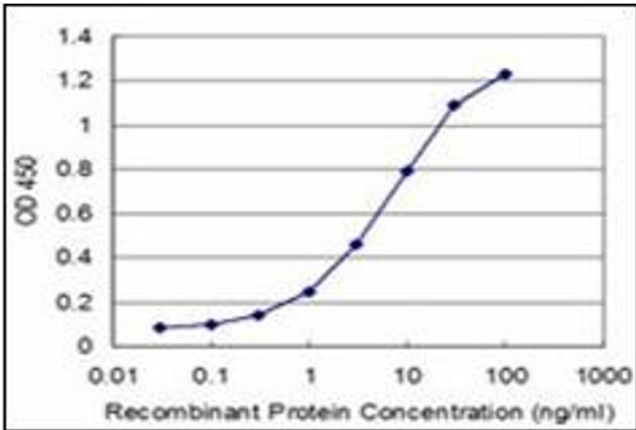
Immunohistochemistry

Image 1.



Western Blotting

Image 2.



ELISA

Image 3.