

anti- Chk1 antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab01652 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

The protein encoded by this gene belongs to the Ser/Thr protein kinase family. It is required for checkpoint mediated cell cycle arrest in response to DNA damage or the presence of unreplicated DNA. This protein acts to integrate signals from ATM and ATR, two cell cycle proteins involved in DNA damage responses, that also associate with chromatin in meiotic prophase I. Phosphorylation of CDC25A protein phosphatase by this protein is required for cells to delay cell cycle progression in response to double-strand DNA breaks. Several alternatively spliced transcript variants have been found for this gene.

Immunogen information

| | |
|--------------|------------------------------------|
| Immunogen: | CHK1 checkpoint homolog (S. pombe) |
| Synonyms: | None |
| Observed MW: | 54 kDa |
| Uniprot ID : | O14757 |

Application

| | |
|-------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
|-------------|-------------------|

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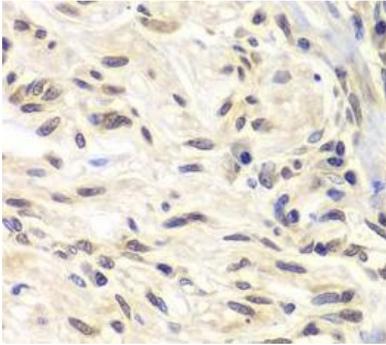
Fax: (0086)027-87800889

www.fn-test.com

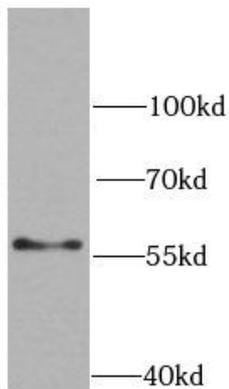
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human gastric cancer using FNab01652(Chk1 antibody) at dilution of 1:100



SW620 cells were subjected to SDS PAGE followed by western blot with FNab01652(Chk1 antibody) at dilution of 1:1000