



MDC1 (phospho Ser513) Polyclonal Antibody

Cat No: HR1AP9192

For research use only

Overview

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|-----------------------|---|
| Product Name | MDC1 (phospho Ser513) Polyclonal Antibody |
| Source | Rabbit |
| Applications | IHC-p,ELISA |
| Species Reactivity | Human |
| Recommended Dilutions | |
| Immunogen | |
| Species | Rabbit |
| Storage | -20°C/1 year |
| Isotype | |
| Clonality | |
| Concentration | 1 mg/ml |
| Observed band | kDa |
| GenID?Human? | MDC1 |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | MDC1; KIAA0170; NFBD1; Mediator of DNA damage checkpoint protein 1; Nuclear factor with BRCT domains 1 |
| Background | mediator of DNA damage checkpoint 1(MDC1) Homo sapiens The protein encoded by this gene contains an N-terminal forkhead domain, two BRCA1 C-terminal (BRCT) motifs and a central domain with 13 repetitions of an approximately 41-amino acid sequence. The encoded protein is required to activate the intra-S phase and G2/M phase cell cycle checkpoints in response to DNA damage. This nuclear protein interacts with phosphorylated histone H2AX near sites of DNA double-strand breaks through its BRCT motifs, and facilitates recruitment of the ATM kinase and meiotic recombination 11 protein complex to DNA damage foci. [provided by RefSeq, Jul 2008]. |