

bs-4272R**[Primary Antibody]****CHFR Rabbit pAb**

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— DATASHEET —

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| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit) Predicted MW.: 73 kDa Subcellular Location: Nucleus |
| Clonality: Polyclonal | | |
| GeneID: 55743 | SWISS: Q96EP1 | |
| Target: CHFR | | |
| Immunogen: KLH conjugated synthetic peptide derived from human CHFR: 41-140/664. | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: A number of human cancers are sensitive to mitotic stress, implying checkpoint defects. Many proteins that contain forkhead-associated (FHA) domains are cell cycle checkpoints and CHFR is one such protein. It has a FHA and ring finger domain within its N terminus. Within its C terminus, CHFR contains a cysteine-rich region that did not display significant similarity to any protein in the GenBank database, but is highly conserved between humans and mice. It has been concluded that CHFR defines a checkpoint that delays entry into metaphase in response to mitotic stress. It has been found CpG methylation-dependent silencing of CHFR expression occurs in 45% of cancer cell lines, 40% of primary colorectal cancers, 53% of colorectal adenomas, and 30% of primary head and neck cancers. | | |