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Datasheet for ABIN5703736 anti-RFC5 antibody



| Overview | |
|-------------------|---|
| Quantity: | 100 µg |
| Target: | RFC5 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RFC5 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |
| Product Details | |
| Immunogen: | replication factor C (activator 1) 5, 36.5kDa |
| lsotype: | lgG |
| Target Details | |
| Target: | RFC5 |
| Alternative Name: | RFC5 (RFC5 Products) |
| Background: | Synonyms: Background:This gene encodes the smallest subunit of the replication factor C complex, which consists of five distinct subunits (140, 40, 38, 37, and 36 kDa) and is required for DNA replication. This subunit interacts with the C-terminal region of proliferating cell nuclear antigen and is required to open and load proliferating cell nuclear antigen onto DNA during S phase. It is a member of the AAA+ (ATPases associated with various cellular activities) ATPase family and forms a core complex with the 38 and 40 kDa subunits that possesses DNA- |

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| Target Details | |
|---------------------|--|
| | dependent ATPase activity. A related pseudogene has been identified on chromosome 9. |
| | Alternative splicing results in multiple transcript variants. |
| Gene ID: | 5985 |
| UniProt: | P40937 |
| Pathways: | Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA |
| Application Details | |
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |
| Handling | |
| Buffer: | PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze / thaw cycles. |
| Storage: | -20 °C |
| Expiry Date: | 12 months |