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Datasheet for ABIN7120031 **anti-TRAIP antibody**

Overview

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| Quantity: | 100 µg |
| Target: | TRAIP |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

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| Immunogen: | TRAF interacting protein |
| Isotype: | IgG |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95 % as determined by SDS-PAGE |

Target Details

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| Target: | TRAIP |
| Alternative Name: | TRAIP (TRAIP Products) |
| Background: | Synonyms:RNF206, TRIP Background:E3 ubiquitin ligase acting as a negative regulator of innate immune signaling. Inhibits activation of NF-kappa-B mediated by TNF. Negatively regulates TLR3/4-and RIG-I-mediated IRF3 activation and subsequent IFNB1 production and cellular antiviral response by promoting 'Lys-48'-linked polyubiquitination of TNK1 leading to its proteasomal degradation(By similarity)(PubMed:22945920). Involved in response to genotoxic |

Target Details

lesions during genome replication. Promotes H2AX and RPA2 phosphorylation after replication-associated DNA damage and assists fork progression at UV-induced replication-blocking lesions during S phase(PubMed:26595769). Has also been proposed to play a role in promoting translesion synthesis by mediating the assembly of 'Lys-63'-linked poly-ubiquitin chains on the Y-family polymerase POLN in order to facilitate bypass of DNA lesions and preserve genomic integrity(PubMed:24553286). The function in translesion synthesis is controversial(PubMed:26595769).

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| Molecular Weight: | 53 kDa |
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| Gene ID: | 10293 |
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| UniProt: | Q9BWF2 |
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Application Details

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| Application Notes: | WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:10-1:100 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
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| Buffer: | PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3, |
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| Preservative: | Sodium azide |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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| Storage: | -20 °C |
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| Storage Comment: | -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |
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| Expiry Date: | 12 months |
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