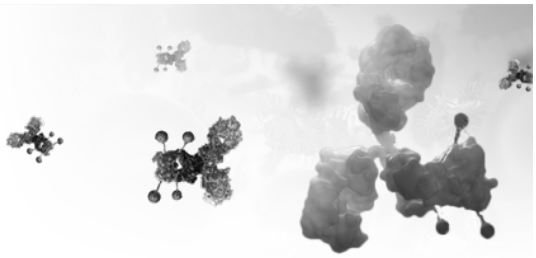

# Rabbit Anti-Human RIP3 monoclonal antibody, clone 32I78M4 (CABT-L1570)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Specificity** | This antibody is predicted to react with Mouse, Rat, Horse |
| **Target** | RIPK3 |
| **Immunogen** | Peptide corresponding to human RIP3 [aa496-aa513] |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human |
| **Clone** | 32I78M4 |
| **Purification** | Protein A Purified |
| **Conjugate** | Unconjugated |
| **Applications** | WB |
| **Format** | Liquid |
| **Concentration** | 0.5 mg/ml |
| **Buffer** | PBS, pH 7.4 |
| **Preservative** | 0.09% Sodium Azide |
| **Storage** | -20°C, Avoid Freeze/Thaw Cycles |

## BACKGROUND

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|---|---|
| **Introduction** | RIP3 is a novel member of RIP Ser/Thr kinase family. It is a potent inducer of apoptosis and is an important component of TNFR1 signaling complex. RIP3 consists of an N-terminal RIP-like-Kinase domain and a unique, non-homologous C-terminus responsible for caspase activation and apoptosis induction. RIP3 is expressed in multiple tissues including hematopoietic cells and plays a functional role in the regulation of apoptosis and NF-kB signaling. It is recruited to the TNFR1 signaling complex in a RIP-dependant manner where it induces apoptosis by activating caspases and/or inhibiting TNFR1-induced NF-kB activation. RIP3 negatively regulates the TLR3-Trif-mediated NF-kB signaling pathway by competing with the binding of Trif to RIP1. The human RIP3 gene is localized in the chromosomal region 14q11.2. |
| **Keywords** | RIPK3;receptor-interacting serine-threonine kinase 3;Rip3;AW107945;2610528K09Rik;receptor-interacting serine/threonine-protein kinase 3;RIP-3;mRIP3;RIP-like protein kinase 3;receptor interacting protein 3;receptor-interacting protein 3 |

# GENE INFORMATION

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|---|---|
| **Entrez Gene ID** | 11035 |
| **UniProt ID** | Q9Y572 |

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