

Product datasheet for **TA306042**

Ripk3 Rabbit Polyclonal Antibody

Product data:

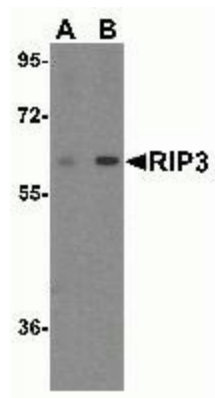
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | RIP3 antibody was raised against a 14 amino acid peptide near the carboxy terminus of murine RIP3. The immunogen is located within the last 50 amino acids of RIP3. |
| Formulation: | PBS containing 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Affinity chromatography purified via peptide column |
| Conjugation: | Unconjugated |
| Storage: | Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | receptor-interacting serine-threonine kinase 3 |
| Database Link: | AAF03133 Entrez Gene 56532 Mouse Q9QZL0 |
| Background: | Certain serine/threonine protein kinases, such as ASK1, RIP, DAP, and ZIP kinases, are mediators of apoptosis. Receptor interacting proteins including RIP and RIP2/RICK mediate apoptosis induced by TNFR1 and Fas, two prototype members in the death receptor family. A novel member in the RIP kinase family was recently identified and designated RIP3 (1-3). RIP3 contains N-terminal kinase domain but, unlike RIP or RIP2, lacks the C-terminal death or CARD domain. RIP3 binds to RIP and TNFR1, mediates TNFR1 induced apoptosis, and attenuates RIP and TNFR1 induced NF-κB activation. Overexpression of RIP3 induces apoptosis and NF-κappaB activation. The messenger RNA of RIP3 is expressed in a subset of adult tissues (2,3). |



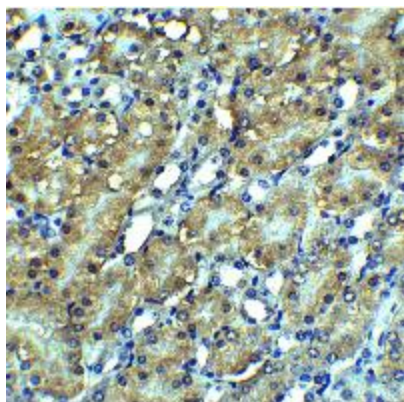
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Synonyms: RIP-3; RIP3

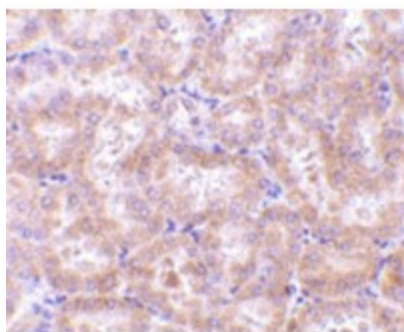
Product images:



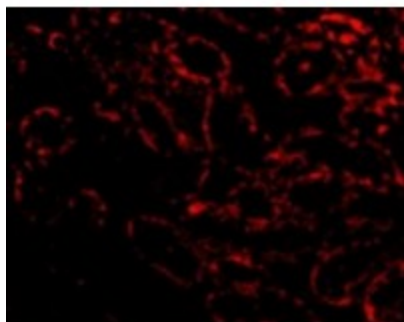
Western blot analysis of RIP3 in HeLa cell lysate with RIP3 antibody at (A) 1 and (B) 2ug/ml.



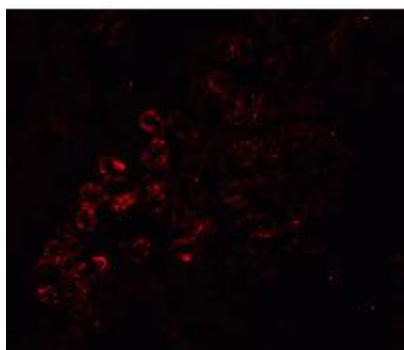
Immunohistochemistry of RIP3 in mouse kidney tissue with RIP3 Antibody at 2.5ug/ml.



Immunohistochemistry of RIP3 in rat kidney tissue with RIP3 antibody at 5ug/ml.



Immunofluorescence of RIP3 in Rat Kidney cells with RIP3 antibody at 20ug/ml.



Immunofluorescence of RIP3 in mouse kidney tissue with RIP3 Antibody at 20ug/ml.