

Datasheet for ABIN872901  
**anti-TNIP2 antibody (AA 85-180)**

## 2 Images

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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | TNIP2   |
| Binding Specificity: | AA 85-180   |
| Reactivity:          | Human, Rat  |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This TNIP2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-<br>embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human TNIP2/ABIN2 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Rat  |
| Predicted Reactivity: | Mouse,Dog,Horse   |
| Purification:         | Purified by Protein A.  |

## Target Details

|         |       |
|---------|-------|
| Target: | TNIP2 |
|---------|-------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | TNIP2 ( <a href="#">TNIP2 Products</a> )  |
| Background:       | <p>Synonyms: KLIP, ABIN2, FLIP1, TNFAIP3-interacting protein 2, A20-binding inhibitor of NF-kappa-B activation 2, ABIN-2, Fetal liver LKB1-interacting protein, TNIP2</p> <p>Background: Inhibits NF-kappa-B activation by blocking the interaction of RIPK1 with its downstream effector NEMO/IKBKG. Forms a ternary complex with NFkB1 and MAP3K8 but appears to function upstream of MAP3K8 in the TLR4 signaling pathway that regulates MAP3K8 activation. Involved in activation of the MEK/ERK signaling pathway during innate immune response, this function seems to be stimulus- and cell type specific. Required for stability of MAP3K8. Involved in regulation of apoptosis in endothelial cells, promotes TEK agonist-stimulated endothelial survival. May act as transcriptional coactivator when translocated to the nucleus. Enhances CHUK-mediated NF-kappa-B activation involving NF-kappa-B p50-p65 and p50-c-Rel complexes.</p> |
| Gene ID:          | 79155   |
| UniProt:          | <a href="#">Q8NFZ5</a>  |
| Pathways:         | <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a>  |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB 1:300-5000<br>ELISA 1:500-1000<br>IHC-P 1:200-400<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only   |

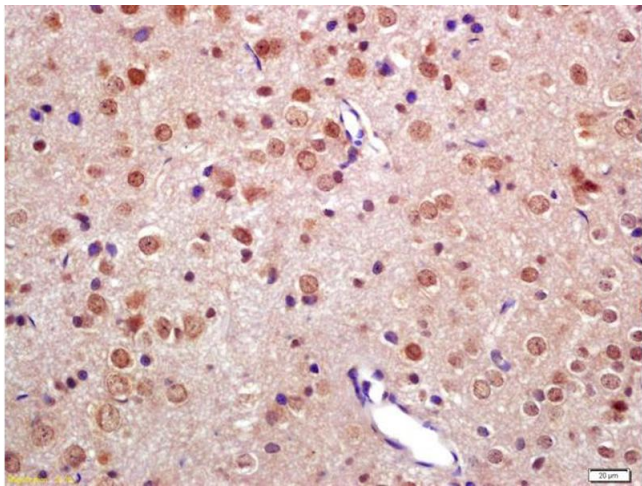
## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | 1 µg/µL   |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.               |
| Preservative:      | ProClin   |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

Handling

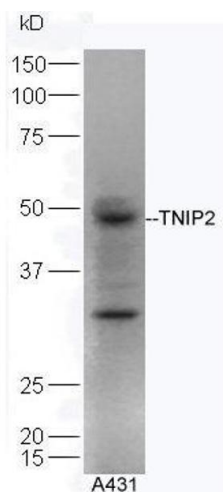
|                  |   |
|------------------|---|
|                  | handled by trained staff only.  |
| Storage:         | 4 °C,-20 °C   |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date:     | 12 months   |

Images



Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-TNIP2 Polyclonal Antibody, Unconjugated (ABIN872901) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

**Image 2.** Human A431 lysates probed with Rabbit Anti-TNIP2 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.