

# Product Datasheet

## TRIB3 Antibody - BSA Free

### NBP2-82067

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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Updated 3/4/2026 v.20.1

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**NBP2-82067**

TRIB3 Antibody - BSA Free

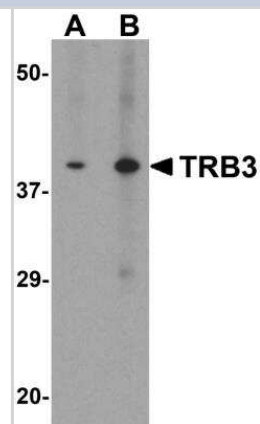
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	39 kDa

Product Description	
Host	Rabbit
Gene ID	57761
Gene Symbol	TRIB3
Species	Human, Mouse, Rat
Specificity/Sensitivity	TRIB3 antibody is human, mouse and rat reactive. At least two isoforms of TRIB3 are known to exist; this antibody will detect both isoforms.
Immunogen	TRIB3 antibody was raised against a 17 amino acid peptide near the center of human TRIB3. The immunogen is located within amino acids 100 - 150 of TRIB3. Amino Acid Sequence: EPYARLPPhKHVARPTE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

**Images**

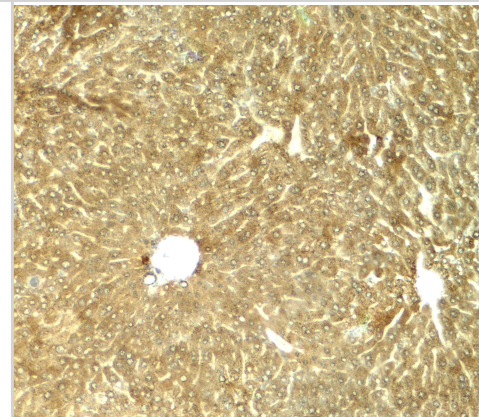
Western Blot: TRIB3 Antibody [NBP2-82067] - Analysis in mouse kidney tissue lysate (A) 1 and (B) 2 ug/ml.



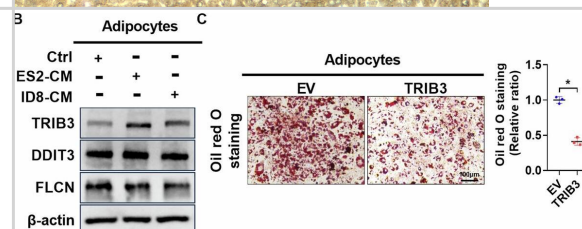
Immunocytochemistry/Immunofluorescence: TRIB3 Antibody [NBP2-82067] - Mouse liver tissue 20 ug/ml.



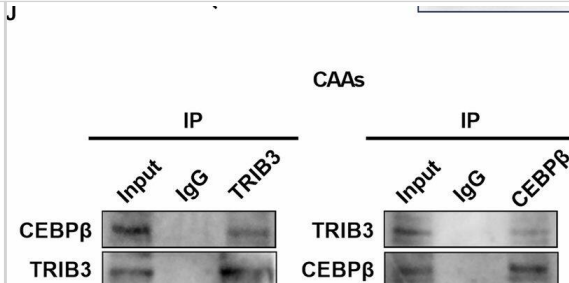
Immunohistochemistry: TRIB3 Antibody - BSA Free [NBP2-82067] - Immunohistochemistry of TRIB3 in mouse liver tissue with TRIB3 antibody at 5 ug/mL.



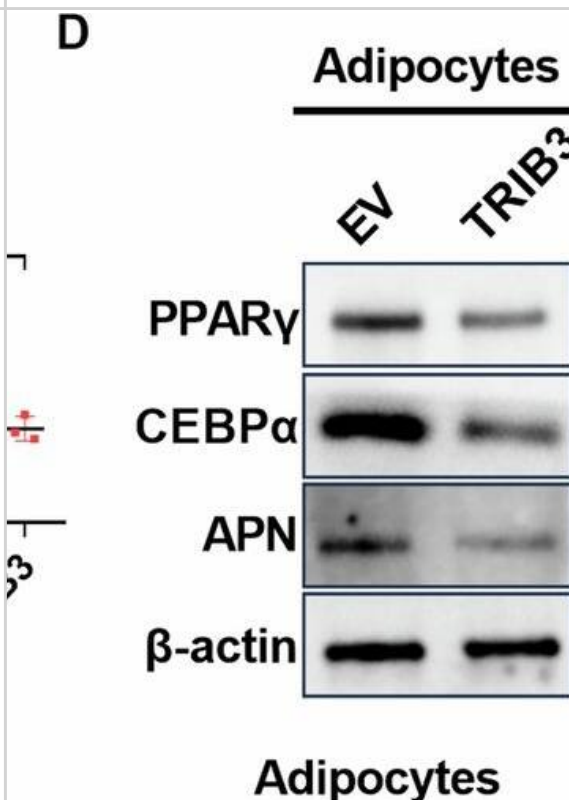
Conditioned medium from OC cells induces CAAs formation via upregulating TRIB3 to suppress phosphorylation of CEBP $\beta$ . A Heatmap of differentially expressed genes (DEGs) that are involved in negative regulation of adipocyte differentiation between control adipocytes and CAAs. B Western blot analysis for protein expression levels of TRIB3, DDIT3, and FLCN in adipocytes with treatment as indicated. C Oil red O staining of adipocytes with treatment as indicated. D Western blot analysis for protein expression levels of PPAR $\gamma$ , CEBP $\alpha$  and APN in adipocytes with treatment as indicated. E ELISA analysis for concentrations of IL-1 $\beta$  and IL-6 in the medium of adipocytes with treatment as indicated. F Oil red O staining of adipocytes with treatment as indicated. G Western blot analysis for protein expression levels of PPAR $\gamma$ , CEBP $\alpha$  and APN in adipocytes with treatment as indicated. H ELISA analysis for concentrations of IL-1 $\beta$  and IL-6 in the medium of adipocytes with treatment as indicated. I Western blot analysis for protein expression levels of TRIB3, CEBP $\beta$ , and p-CEBP $\beta$  in adipocytes with treatment as indicated. J Co-IP assay was performed with anti-TRIB3 or anti-CEBP $\beta$  antibodies using extracts prepared from CAAs. The presence of TRIB3 or CEBP $\beta$  in IPs was evaluated by immunoblotting (WB). K Oil red O staining of adipocytes with treatment as indicated. L Western blot analysis for protein expression levels of PPAR $\gamma$ , CEBP $\alpha$  and APN in adipocytes with treatment as indicated. Scale bar = 100  $\mu$ m. Data were expressed as mean  $\pm$  SEM of three independent experiments. Student's t test was used for analysis of the data in C, E, F, H and K. \* $p$  < 0.05. Image collected and cropped by CiteAb from the following open publication (<https://www.nature.com/articles/s41419-024-07311-3>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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### **Products Related to NBP2-82067**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56398PEP	TRIB3 Antibody Blocking Peptide

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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