

Datasheet for ABIN6258487

anti-NECAB3 antibody (Internal Region)[Go to Product page](#)**2** Images

Overview

| | |
|----------------------|----------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | NECAB3 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NECAB3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | A synthesized peptide derived from human NECAB3, corresponding to a region within the internal amino acids. |
| Isotype: | IgG |
| Specificity: | NECAB3 Antibody detects endogenous levels of total NECAB3. |
| Predicted Reactivity: | Pig,Bovine,Horse,Rabbit,Dog |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

| | |
|---------|--------|
| Target: | NECAB3 |
|---------|--------|

Target Details

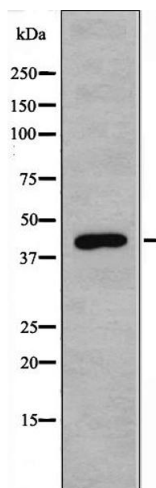
| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | NECAB3 (NECAB3 Products) |
| Background: | <p>Description: Inhibits the interaction of APBA2 with amyloid-beta precursor protein (APP), and hence allows formation of amyloid-beta. May enhance the activity of HIF1A and thus promote glycolysis under normoxic conditions, the function requires its ABM domain and may implicate the stabilization of the interaction between HIF1AN and APBA3.</p> <p>Gene: NECAB3</p> |
| Molecular Weight: | 44 kDa |
| Gene ID: | 63941 |
| UniProt: | Q96P71 |

Application Details

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|--------------------|---------------------------------------------------------------------|
| Application Notes: | WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

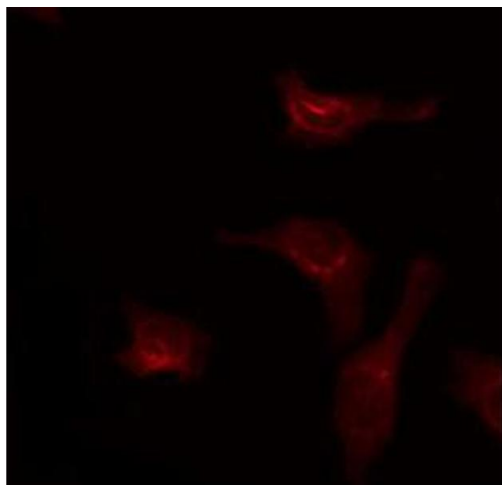
Handling

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|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



Western Blotting

Image 1. Western blot analysis of extracts from COLO cells using NECAB3 antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6274841 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.