

Datasheet for ABIN6263535
anti-NCF2 antibody (N-Term)[Go to Product page](#)

3 Images

1 Publication

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | NCF2 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NCF2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

Product Details

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| Immunogen: | A synthesized peptide derived from human NCF2, corresponding to a region within N-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | NCF2 Antibody detects endogenous levels of total NCF2. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

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|---------|------|
| Target: | NCF2 |
|---------|------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | NCF2 (NCF2 Products) |
| Background: | Description: NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production). Gene: NCF2 |
| Molecular Weight: | 60kDa |
| Gene ID: | 4688 |
| UniProt: | P19878 |

Application Details

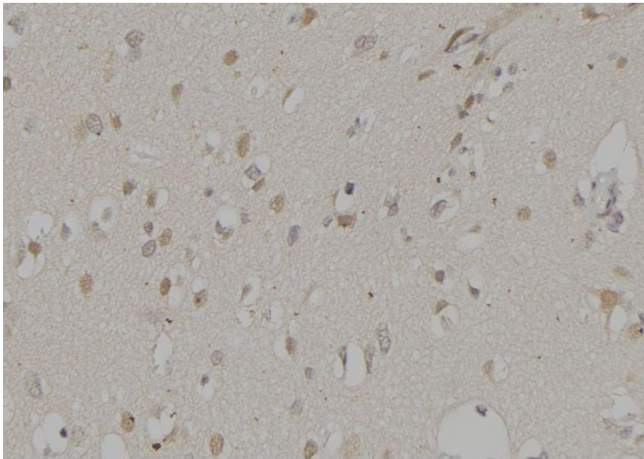
| | |
|--------------------|---|
| Application Notes: | WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

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 |

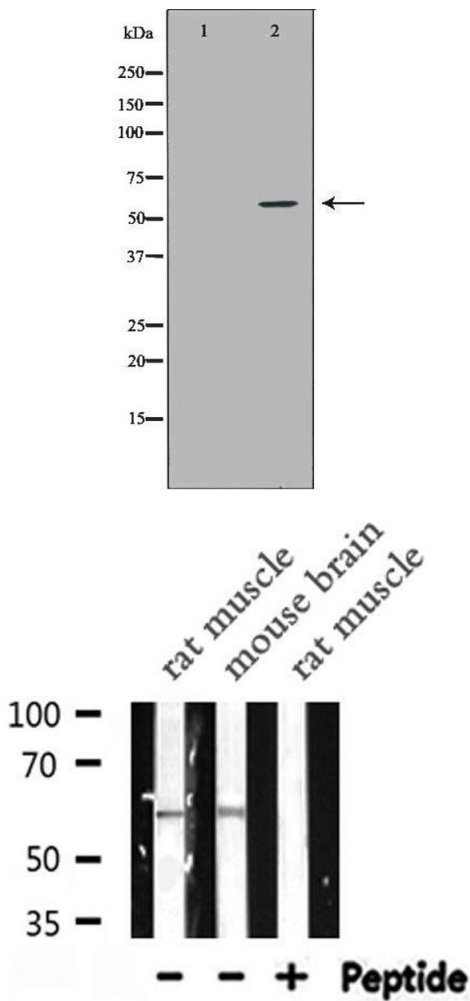
Publications

| | |
|-------------------|---|
| Product cited in: | Li, Meng, Zhang, Wang, Yang, Niu, Cui, Wang, Liu, Rao: "Testosterone improves erectile function through inhibition of reactive oxygen species generation in castrated rats." in: PeerJ , Vol. 4, pp. e2000, (2016) (PubMed). |
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Immunohistochemistry

Image 1. ABIN6276581 at 1/100 staining Human brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of THP1 using NCF2 antibody. The lane on the left is treated with the antigen-specific peptide.

Western Blotting

Image 3. Western blot analysis of NCF2 expression in various lysates