

Datasheet for ABIN634325
anti-NCF4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NCF4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCF4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NCF4 antibody was raised using the N terminal of NCF4 corresponding to a region with amino acids SKYLIYRRYRQFHALQSKLEERFGPDSKSSALACTLPTLPAKVYVGVKQE
Specificity:	NCF4 antibody was raised against the N terminal of NCF4
Purification:	Affinity purified

Target Details

Target:	NCF4
Alternative Name:	NCF4 (NCF4 Products)
Background:	NCF4 is a cytosolic regulatory component of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. It interacts primarily with neutrophil cytosolic factor 2 (NCF2/p67-phox) to form a complex with neutrophil cytosolic

Target Details

factor 1 (NCF1/p47-phox), which further interacts with the small G protein RAC1 and translocates to the membrane upon cell stimulation. This complex then activates flavocytochrome b, the membrane-integrated catalytic core of the enzyme system. The PX domain of this protein can bind phospholipid products of the PI(3) kinase, which suggests its role in PI(3) kinase-mediated signaling event.

Molecular Weight: 39 kDa (MW of target protein)

Application Details

Application Notes: WB: 0.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: NCF4 Blocking Peptide, catalog no. 33R-8572, is also available for use as a blocking control in assays to test for specificity of this NCF4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NCF4 antibody in PBS

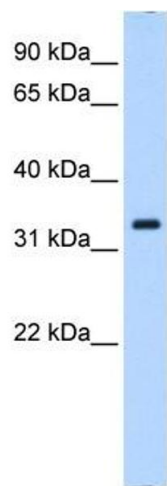
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. NCF4 antibody used at 0.25 ug/ml to detect target protein.