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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05054 - Goat Anti-NCF1 / p47phox Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NADPH oxidase organizer 2, neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1), Neutrophil cytosolic factor-1 (47kD), neutrophil cytosolic factor 1, SH3PXD1A, NOXO2, NCF1A, FLJ79451, p47phox, NCF1

Official Symbol: NCF1

Accession Number(s): NP_000256.3

Human GeneID(s): [653361](#)

Non-Human GeneID(s): 17969 (mouse), 114553 (rat)

Immunogen

Peptide with sequence C-SESTKRKLASAV, from the C Terminus of the protein sequence according to NP_000256.3.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 45kDa band observed in lysates of cell line U937 (calculated MW of 44.7kDa according to NP_000256.3). Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Rabbit, Pig, Cow

Specific Reference

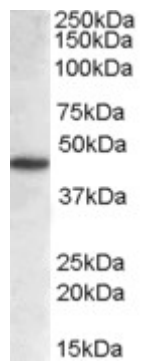
The goat polyclonal antibody used in this paper was manufactured by us:

Underhill DM, Rossnagle E, Lowell CA, Simmons RM.

Dectin-1 activates Syk tyrosine kinase in a dynamic subset of macrophages for reactive oxygen production.

Blood. 2005 Oct 1;106(7):2543-50. Epub 2005 Jun 14.

PMID: 15956283



EB05054 (0.5 μ g/ml) staining of U937 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.