

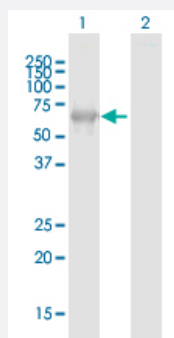
MaxPab®

NCF2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004688-B01P

Size 50 ug

Applications

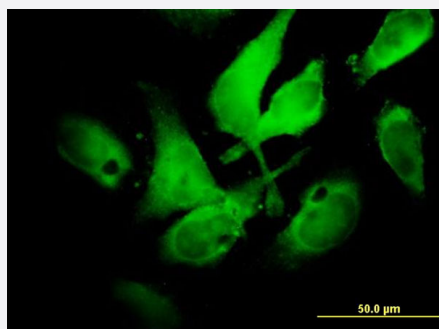


Western Blot (Transfected lysate)

Western Blot analysis of NCF2 expression in transfected 293T cell line ([H00004688-T01](#)) by NCF2 MaxPab polyclonal antibody.

Lane 1: NCF2 transfected lysate(57.86 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NCF2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NCF2 protein.

Immunogen

NCF2 (AAH01606.1, 1 a.a. ~ 526 a.a) full-length human protein.

Sequence	MSLVEAISLWNEGVLAADKKDWKGALDAFSAVQDPHSRICFNIGCMYILKNMTEAEKAFTRSINRDKHLAVAYFQRGMLYYQTEKYDLAIKDLKEALQLRGNQLIDYKILGLQFKLFACEVLYNIAFMYAKKEEWKKAEEQLALATSMKSEPRHSKIDKAMECVWKQKLYEPVVIPVGRLFRPNERQVAQLAKKDYLGKATVVASVVDQDSFSGFAPLQPQAAEPPPRPKTPEIFRALEGEAHRVLFGFVPETKEELQVMPGNIVFVLKKGNDNWATVMFNGQKGLVPCNYLEPVELRIHPQQPQEESPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVKLSVPMPYTLKVHYKYTVVMKTQPLPYSQVRDMVSKKLELRLEQTKLSYRPRDSNELVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQGFDPDEPKESEKADANNQTT EPQLKKGSGVEALFSYEATQPEDLEFQEGDIILVLSKVNEEWLEGECKGKVGIFPKVFVEDCATT DLESTRREV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of NCF2 expression in transfected 293T cell line ([H00004688-T01](#)) by NCF2 MaxPab polyclonal antibody.

Lane 1: NCF2 transfected lysate(57.86 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NCF2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NCF2

Entrez GeneID	4688
GeneBank Accession#	BC001606.1
Protein Accession#	AAH01606.1
Gene Name	NCF2

Gene Alias	FLJ93058, NCF-2, NOXA2, P67-PHOX, P67PHOX
Gene Description	neutrophil cytosolic factor 2
Omim ID	233710 608515
Gene Ontology	Hyperlink
Gene Summary	This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in two transcript variants that encode the same protein. [provided by RefSeq]
Other Designations	67 kDa neutrophil oxidase factor NADPH oxidase activator 2 OTTHUMP00000033269 OTTHUMP00000033270 chronic granulomatous disease, autosomal 2 neutrophil cytosol factor 2 neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2)

Publication Reference

- [MicroRNA-524 inhibits the progress of glioma via the direct targeting of NCF2.](#)

Xu T, Yu W, Li Q, Li X, Shi Y, Cao B, Zhang Y, Wang S, Zhang Y, Wang T, Huang B.

American Journal of Translational Research 2019 Mar; 11(3):1605.

Application: WB-Tr, Human, U251, U87 cells

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Infant](#)
- [Leukemia](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mycobacterium Infections](#)
- [Occupational Diseases](#)
- [Pneumonia](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)