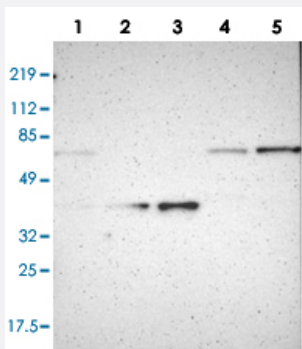


NCF2 polyclonal antibody

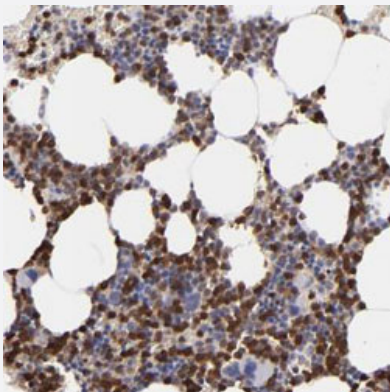
Catalog # PAB28551 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with NCF2 polyclonal antibody (PAB28551).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with NCF2 polyclonal antibody (Cat # PAB28551) shows strong cytoplasmic positivity in bone marrow poietic cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NCF2.
Immunogen	Recombinant protein corresponding to amino acids of recombinant NCF2.
Sequence	QEESPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVKLSVPMPYTLKVHYKYTVVMKTQPGLP YSQVRDMVSKKLELRLEHTKLSYRPRDSNELVPLSEDSMKDAWGQVKNYCLTLWCENTVGDQG FPDEPKESKADANNQTTEPQ
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry(1:200-1:500) Western Blot(1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with NCF2 polyclonal antibody (PAB28551).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with NCF2 polyclonal antibody (Cat # PAB28551) shows strong cytoplasmic positivity in bone marrow poietic cells.

Gene Info — NCF2

Entrez GeneID	4688
Protein Accession#	E9PHJ2
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)

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](#)