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NCF4 Rabbit mAb
Catalog # AP76641

Specification

NCF4 Rabbit mAb - Product Information

Application	**WB, IHC, IF**
Primary Accession	Q15080
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**39032**

NCF4 Rabbit mAb - Additional Information

Gene ID 4689

Other Names
NCF4

Dilution
WB~~1/500-1/1000
IHC~~1/50-1/100
IF~~1/50-1/200

Format
Liquid

NCF4 Rabbit mAb - Protein Information

Name NCF4 (HGNC:7662)

Synonyms SH3PXD4

Function
Subunit of the phagocyte NADPH oxidase complex that mediates the transfer of electrons from cytosolic NADPH to O2 to produce the superoxide anion (O2(-)) (Probable). In the activated complex, electrons are first transferred from NADPH to flavin adenine dinucleotide (FAD) and subsequently transferred via two heme molecules to molecular oxygen, producing superoxide through an outer-sphere reaction (By similarity). Activation of the NADPH oxidase complex is initiated by the assembly of cytosolic subunits of the NADPH oxidase complex with the core NADPH oxidase complex to form a complex at the plasma membrane or phagosomal membrane (By similarity). This activation process is initiated by phosphorylation dependent binding of the cytosolic NCF1/p47-phox subunit to the C-terminus of CYBA/p22-phox (By similarity).

Cellular Location
Cytoplasm, cytosol. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Membrane; Peripheral membrane protein. Note=Translocates to the membrane upon activation by phorbol myristate acetate (PMA)

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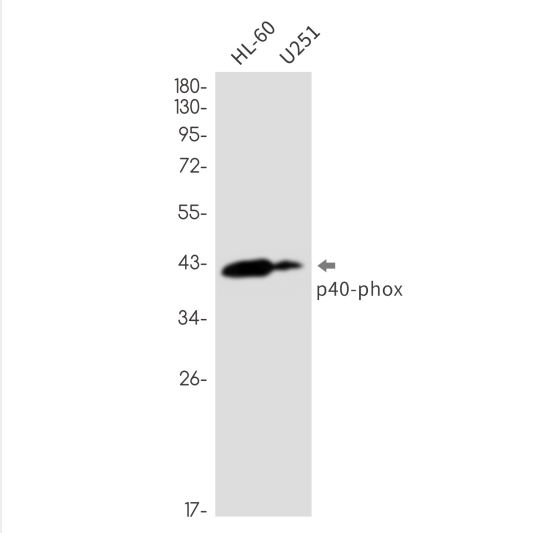
Tissue Location
Expression is restricted to hematopoietic cells.

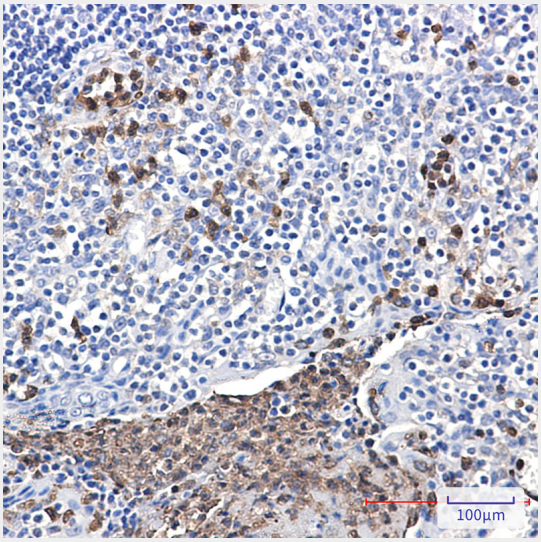
NCF4 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NCF4 Rabbit mAb - Images





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