

Anti-NCF2 / NOXA2 / p67phox Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18580

Product Information

Application	WB, IHC-P, IF, IP
Primary Accession	P19878
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	59762

Additional Information

Gene ID	4688
Alias Symbol	NCF2
Other Names	NCF2, NADPH oxidase activator 2, Neutrophil cytosol factor 2, Neutrophil cytosolic factor 2, NOXA2, p67PHOX, NCF-2, p67-PHOX
Target/Specificity	Human NCF2 / NOXA2 / p67phox
Reconstitution & Storage	Affinity purified
Precautions	Anti-NCF2 / NOXA2 / p67phox Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NCF2 (HGNC:7661)
Function	Subunit of the phagocyte NADPH oxidase complex that mediates the transfer of electrons from cytosolic NADPH to O ₂ to produce the superoxide anion (O ₂ ⁻) (PubMed: 12207919 , PubMed: 38355798). 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 (PubMed: 38355798). 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 (PubMed: 38355798). 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.