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Anti-NOXA2/p67phox Rabbit Monoclonal Antibody

Catalog # ABO15408

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	P19878
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-NOXA2/p67phox Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	4688
Other Names	Neutrophil cytosol factor 2, NCF-2, 67 kDa neutrophil oxidase factor, NADPH oxidase activator 2, Neutrophil NADPH oxidase factor 2, p67-phox, NCF2, NOXA2, P67PHOX
Calculated MW	59762
Application Details	WB 1:500-1:2000 IHC 1:100-1:500 ICC/IF 1:100-1:500 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 19N84
Immunogen	A synthesized peptide derived from human NOXA2/p67phox
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

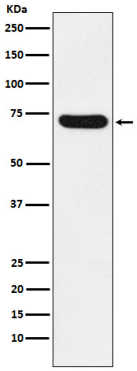
Protein Information

Name	NCF2 (HGNC:7661)
Function	Subunit of the phagocyte NADPH oxidase complex that mediates the

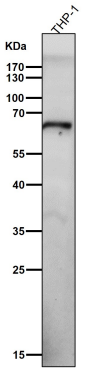
transfer of electrons from cytosolic NADPH to O2 to produce the superoxide anion (O2(-)) (PubMed:12207919, PubMed:38355798). In the activated complex, electrons are first transferred from NADPH to flavin adenine dinucleotide (FAD) and subsequently transferred via two heme molecules to molecular oxygen, 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.

Images



Western blot analysis of NOXA2/p67phox expression in THP-1 cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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