Anti-NOXA2/p67phox Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100950

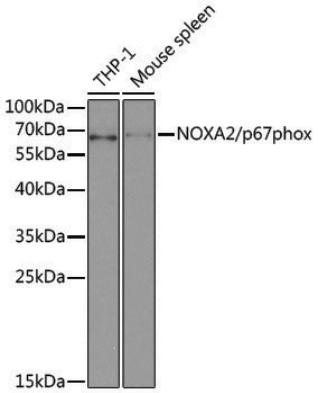
Product Information

Application	WB, IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2000; IF 1:100~1:400
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 227-526 of human NOXA2/p67phox (NP_000424.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-NOXA2/p67phox Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

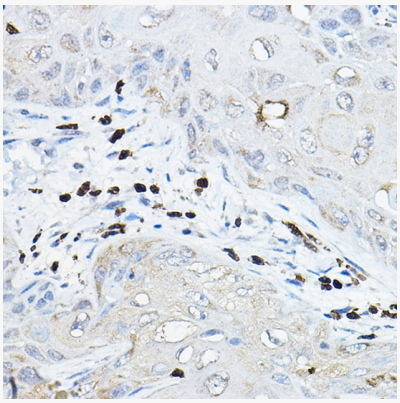
Protein Information

Synonyms	NCF-2; NOXA2; P67PHOX; P67-PHOX; NOXA2/p67phox.
Calculated MW	Calculated MW: 60 kDa; Observed MW: 68 kDa
Uniprot ID	P19878
Gene ID	4688
Background	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 multiple transcript variants encoding different isoforms.

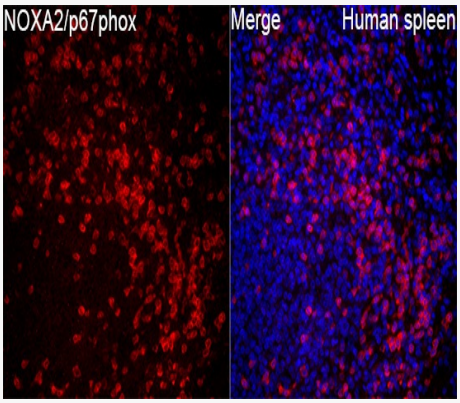
Validation Images



Western blot analysis of various lysates using NOXA2/p67phox Rabbit pAb (P100950) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using NOXA2/p67phox Rabbit pAb (P100950) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of Human spleen tissue using NOXA2/p67phox Rabbit pAb (P100950) at a dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.