

For Research Use Only

NOXA2/p67phox Polyclonal antibody

Catalog Number:15551-1-AP

24 Publications



Basic Information

Catalog Number: 15551-1-AP	GenBank Accession Number: BC001606	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 4688	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P19878	
Isotype: IgG	Full Name: neutrophil cytosolic factor 2	
Immunogen Catalog Number: AG7909	Calculated MW: 60 kDa	
	Observed MW: 67 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : U-251 cells, IHC : human tonsillitis tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: human	
Cited Species: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

NOXA2/p67phox is also named as NCF2(Neutrophil cytosol factor 2) and belongs to the NCF2/NOXA1 family. It is a membrane bound cytochrome b558 required for activation of the latent NADPH oxidase. NCF2 is an essential component of the multi-protein NADPH oxidase enzyme in phagocytic leukocytes, as well as in certain non-phagocytic cells. This protein has 4 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Taotao Sun	36113503	Andrology	WB
Hang Ji	36177003	Front Immunol	IHC
Zhijie Wang	29877111	J Drug Target	WB

Storage

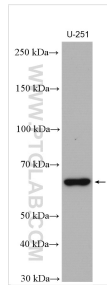
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

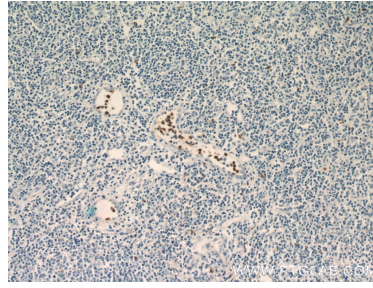
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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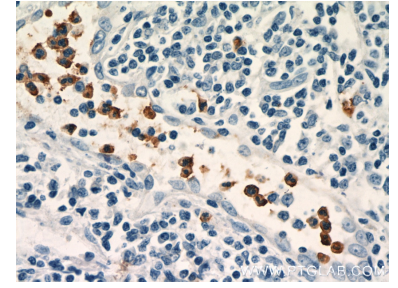
Selected Validation Data



U-251 cells were subjected to SDS PAGE followed by western blot with 15551-1-AP (NOXA2/p67phox antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15551-1-AP (NOXA2/p67phox antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15551-1-AP (NOXA2/p67phox antibody) at dilution of 1:50 (under 40x lens).