

For Research Use Only

# NOXA2/p67phox Polyclonal antibody



Catalog Number: 15551-1-AP

10 Publications

## Basic Information

<b>Catalog Number:</b> 15551-1-AP	<b>GenBank Accession Number:</b> BC001606	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4688	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> neutrophil cytosolic factor 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 60 kDa	
<b>Immunogen Catalog Number:</b> AG7909	<b>Observed MW:</b> 67 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells, MCF-7 cells IHC : human tonsillitis tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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
J L Tarry-Adkins	27585884	Dis Model Mech	
Kai Cui	30311248	Andrologia	WB
Kai Cui	29111541	Asian J Androl	WB

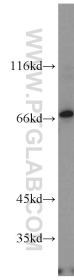
## Storage

**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

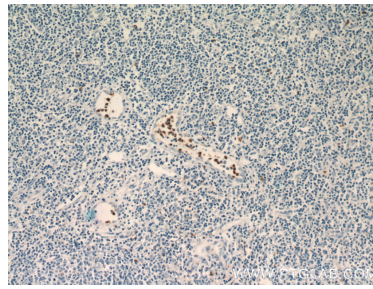
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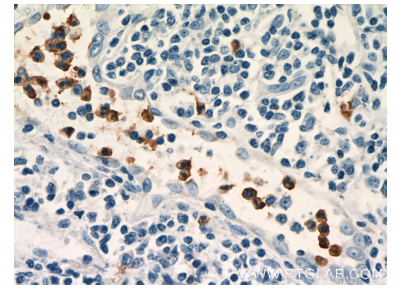
## Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 15551-1-AP (NOXA2/p67phox antibody) at dilution of 1:500 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).