

Basic Information

Catalog Number: 15551-1-AP	GenBank Accession Number: BC001606	Purification Method: Antigen affinity purification
Size: 600 µg/ml	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: IHC, WB, ELISA	Positive Controls: WB : U-251 cells, IHC : human tonsillitis tissue,
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse	
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.

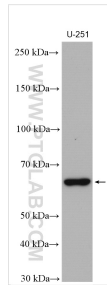
Notable Publications

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

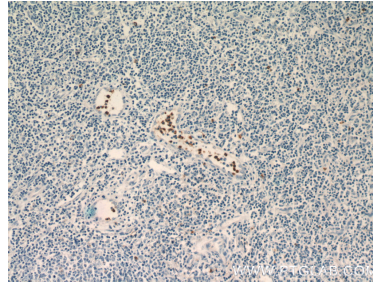
Storage

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

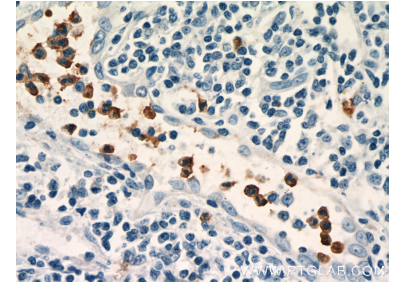
Selected Validation Data



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).