

NOXA2/p67phox Polyclonal antibody

Catalog Number: 15551-1-AP

18 Publications

Basic Information

Catalog Number:

15551-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7909

GenBank Accession Number:

BC001606

GeneID (NCBI):

4688

UNIPROT ID:

P19878

Full Name:

neutrophil cytosolic factor 2

Calculated MW:

60 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

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

Positive Controls:

WB : U-251 cells,

IHC : human tonsillitis tissue,

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

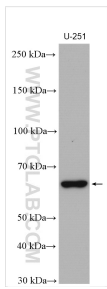
For technical support and original validation data for this product please contact:

T: 4006900926

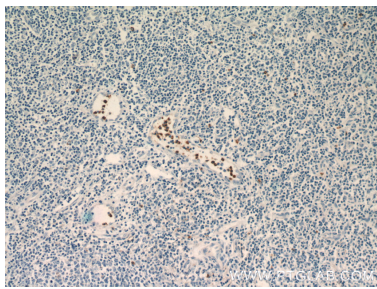
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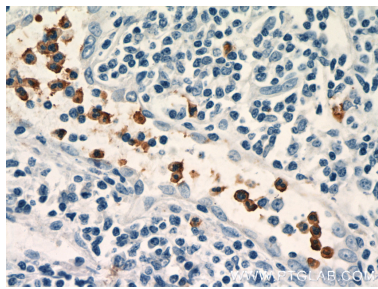
Selected Validation Data



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).