Product Name: NOX2 Rabbit Polyclonal Antibody
Catalog #: APRab00467
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 65 kDa; Observed MW: 70 kDa

Antigen Information

Gene Name	CYBB
Alternative Names	CYBB; NOX2; Cytochrome b-245 heavy chain; CGD91-phox; Cytochrome b(558) subunit beta; Cytochrome b558 subunit beta; Heme-binding membrane glycoprotein gp91phox; NADPH oxidase 2Neutrophil cytochrome b 91 kDa polypeptide; Superoxide-generating NADPH oxidase heavy chain subunit; gp91-1; gp91-phox; p22 phagocyte B-cytochrome
Gene ID	1536
SwissProt ID	P04839
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CYBB. AA range:111-160

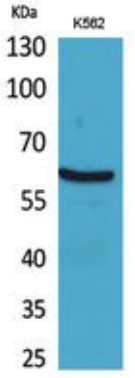
Background

The superoxide-generating NADPH oxidase complex expresses in phagocytes, neuroepithelial bodies, vascular smooth muscle cells, and endothelial cells. It is the terminal component of a respiratory chain that transfers single electrons from cytoplasmic NADPH across the plasma membrane to molecular oxygen on the exterior.

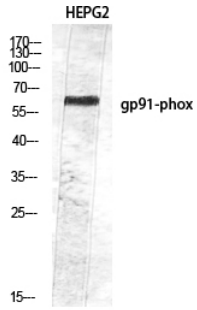
Research Area

Immunology

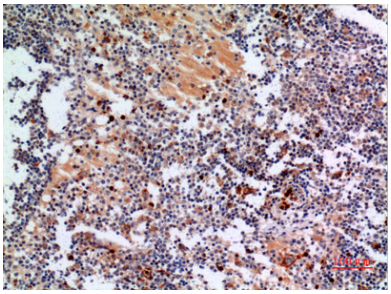
Image Data



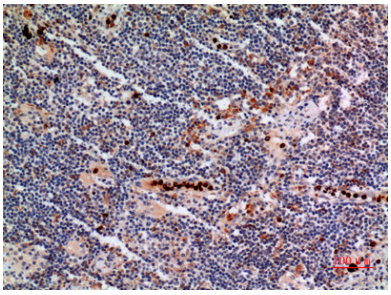
Western blot analysis of NOX2 in K562 lysates using NOX2 antibody.



Western blot analysis of NOX2 in HEPG2 lysates using NOX2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lymphgl using NOX2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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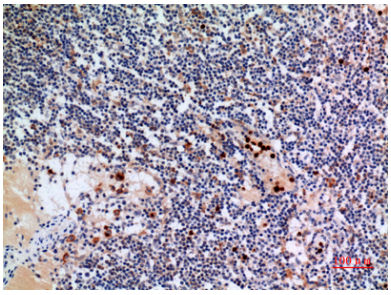

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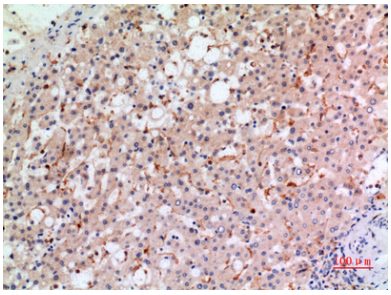

Immunohistochemistry analysis of paraffin-embedded Human liver using NOX2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.