Anti-NOX2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010827

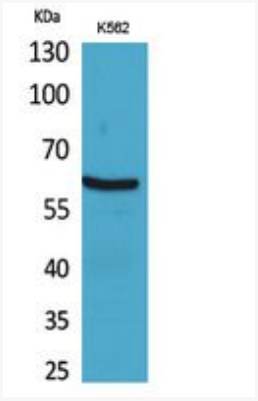
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CYBB.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-NOX2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

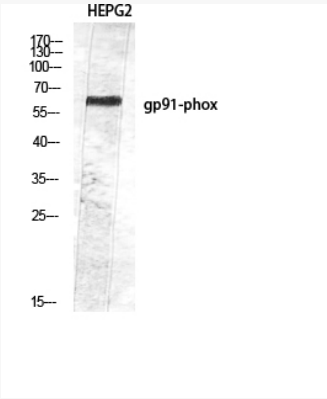
Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 65 kDa; Observed MW: 70 kDa
Uniprot ID	P04839
Gene ID	1536
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.

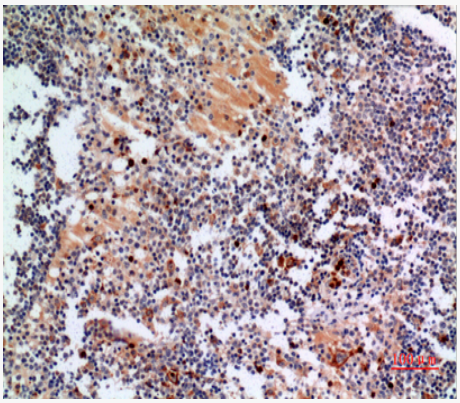
Validation Images



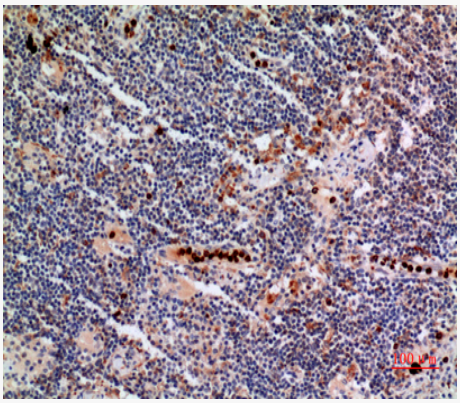
Western blot analysis of NOX2 in K562 lysates using NOX2 antibody.



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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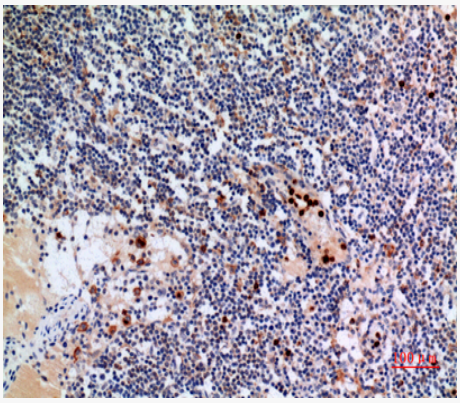

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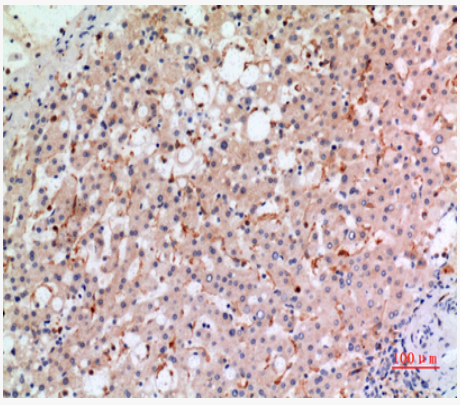

Immunohistochemistry analysis of paraffin-embedded Human liver using NOX2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.