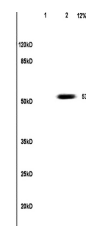


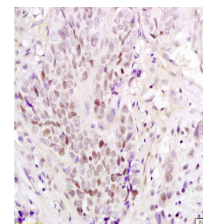
## Product Datasheet

### NOX2/gp91phox Polyclonal Antibody GRP527

<b>Description</b>	Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. 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. Also functions as a voltage-gated proton channel that mediates the H(+) currents of resting phagocytes. It participates in the regulation of cellular pH and is blocked by zinc.
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ICC, IF, IHC-P, WB
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human NOX2/gp91phox (public_immunogen_range: 490-540/570)
<b>Form/Appearance</b>	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
<b>Concentration</b>	1ug/ul
<b>Storage</b>	Store at -20°C for 12 months.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by Protein A.
<b>Uniprot ID</b>	<b>P04839</b>
<b>Entrez</b>	<b>1536</b>
<b>Dilution Range</b>	WB: 1:300-1000, IHC-P: 1:200-400, IF: 1:50-200



WB of GRP527



IHC-P of GRP527