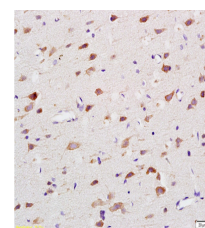


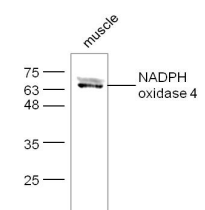
## Product Datasheet

### NADPH oxidase 4 Polyclonal Antibody GRP348

<b>Description</b>	Constitutive NADPH oxidase which generates superoxide intracellularly upon formation of a complex with CYBA/p22phox. Regulates signaling cascades probably through phosphatases inhibition. May function as an oxygen sensor regulating the KCNK3/TASK-1 potassium channel and HIF1A activity. May regulate insulin signaling cascade. May play a role in apoptosis, bone resorption and lipolysaccharide-mediated activation of NFkB.
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat, Dog
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC-P, WB
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from mouse Nox-4 (public_immunogen_range: 84-105/578)
<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>Q9JHI8</b>
<b>Entrez</b>	<b>50490</b>
<b>Dilution Range</b>	WB: 1:300-1000, IHC-P: 1:200-400



WB of GRP348



IHC-P of GRP348