

## NADPH oxidase 4

Catalog No: #AP79029

Package Size: #AP79029-1 50ug #AP79029-2 100ug #AP79029-3 1mg

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## Description

Product Name	NADPH oxidase 4
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	Internal
Other Names	Kox,Kidney oxidase-1,Kidney superoxide-producing NADPH oxidase,KOX-1
Accession No.	Q924V1Gene name:Nox4
Uniprot	Q924V1
GeneID	85431;
Tag Info	His
Formulation	50mM NaH2PO4, 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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 lipopolysaccharide-mediated activation of NFkB.

## References

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Note: This product is for in vitro research use only