



Nox5 rabbit pAb

Cat No.:ES7576

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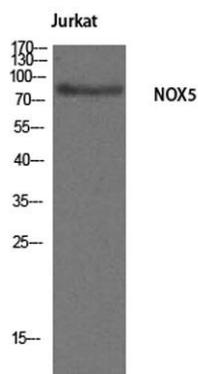
Overview

Product Name	Nox5 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NOX5. AA range:677-726
Specificity	Nox5 Polyclonal Antibody detects endogenous levels of Nox5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NADPH oxidase 5
Gene Name	NOX5
Cellular localization	Membrane ; Multi-pass membrane protein .; [Isoform v2]: Endoplasmic reticulum.; [Isoform v5]: Endoplasmic reticulum.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	86kD
Human Gene ID	79400
Human Swiss-Prot Number	Q96PH1
Alternative Names	NOX5; NADPH oxidase 5
Background	This gene is predominantly expressed in the testis and lymphocyte-rich areas of spleen and lymph nodes. It encodes a calcium-dependen NADPH oxidase that generates superoxide, and functions as

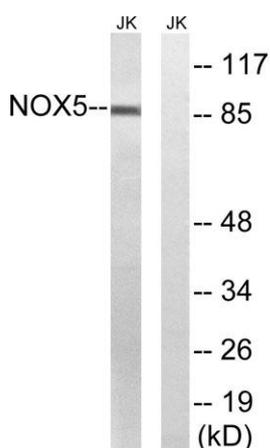




a calcium-dependent proton channel that may regulate redox-dependent processes in lymphocytes and spermatozoa. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011],



Western Blot analysis of Jurkat cells using Nox5 Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using NOX5 Antibody. The lane on the right is blocked with the synthesized peptide.

