

Nox5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06119
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NOX5. AA range:677-726
Mol wt	86439
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Nox5 Antibody
Synonyms	NOX5; NADPH oxidase 5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NOX5 (NADPH oxidase, EF-hand calcium binding domain 5) 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 NOX5.

Recommended Dilution

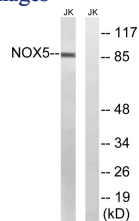
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

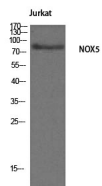
ELISA: 1: 40000

Not yet tested in other applications.

Images



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



Western Blot analysis of Jurkat cells using Nox5 Polyclonal Antibody

Storage

-20°C for one year

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