

Nox5 rabbit pAb

Cat No.:ES7576

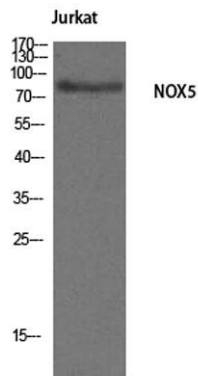
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Overview

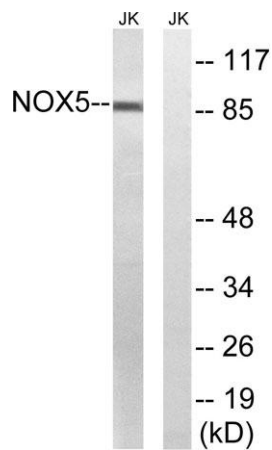
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|--------------------------|---|
| Product Name | Nox5 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 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.

