

Product datasheet for **TA350234**

NOX5 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 200-1000 WB positive control: Raji, TM4 and PC3 cells |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human NOX5 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 86 kDa |
| Gene Name: | NADPH oxidase, EF-hand calcium binding domain 5 |
| Database Link: | NP_078781 Entrez Gene 79400 Human Q96PH1 |

Background: This gene is predominantly expressed in the testis and lymphocyte-rich areas of spleen and lymph nodes. It encodes a calcium-dependent 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.

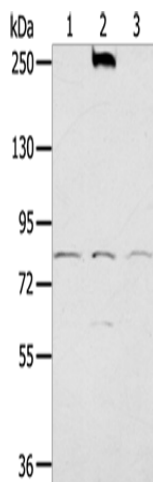
Synonyms: MGC149776; MGC149777

Protein Families: Ion Channels: Other, Transmembrane



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Product images:



Gel: 6%SDS-PAGE

Lysate: 40 μ g

Lane 1-3: Raji cells

TM4 cells

PC3 cells

Primary antibody: TA350234 (NOX5 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute