

## Product datasheet for **TA338656**

### NOX5 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-NOX5 antibody is: synthetic peptide directed towards the C-terminal region of Human NOX5. Synthetic peptide located within the following region: DQAEEAQYGRFLELHMYMTSALGKNDMKAIGLQMALDLLANKEKKDSITG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	NADPH oxidase, EF-hand calcium binding domain 5
Database Link:	<a href="#">NP_001171708</a> <a href="#">Entrez Gene 79400 Human</a> <a href="#">Q96PH1</a>
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.



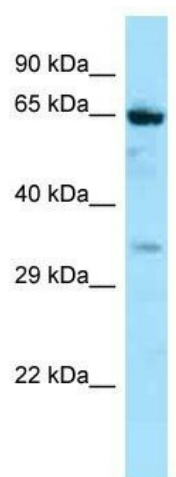
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**Synonyms:** MGC149776; MGC149777

**Note:** Immunogen Sequence Homology: Human: 100%; Rabbit: 100%; Bovine: 86%; Pig: 79%

**Protein Families:** Ion Channels: Other, Transmembrane

**Product images:**



Host: Rabbit; Target Name: NOX5; Sample Tissue: Jurkat Whole Cell lysates; Antibody Dilution: 1.0 ug/ml