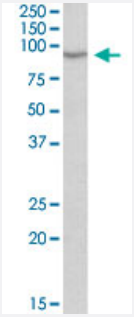
NOX5 polyclonal antibody

Catalog # PAB18982 Size 100 ug

Applications



Western Blot (Tissue lysate)

NOX5 polyclonal antibody (Cat # PAB18982, 0.5 ug/mL) staining of human testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NOX5.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human NOX5.
Sequence	C-EWHPFTISSAPEQKD
Host	Goat
Theoretical MW (kDa)	90
Reactivity	Human
Specificity	This antibody is expected to recognize all reported isoforms (NP_078781.3; NP_001171708.1; NP_001171709.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

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Recommend Usage	ELISA (1:8000) Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  NOX5 polyclonal antibody (Cat # PAB18982, 0.5 ug/mL) staining of human testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — NOX5

Entrez GeneID	79400
Protein Accession#	NP_078781.3;NP_001171708.1;NP_001171709.1
Gene Name	NOX5
Gene Alias	MGC149776, MGC149777, NOX5A, NOX5B
Gene Description	NADPH oxidase, EF-hand calcium binding domain 5
Omim ID	606572
Gene Ontology	Hyperlink
Gene Summary	NOX5 is a novel NADPH oxidase that generates superoxide and functions as a H+ channel in a C a(2+)-dependent manner.[supplied by OMIM
Other Designations	NADPH oxidase, EF hand calcium-binding domain 5|NOX5 variant lacking EF hands|OTTHUMP 00000164443

Disease

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- HIV Infections

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