



## Rabbit Anti-Nox1 antibody

SL3682R

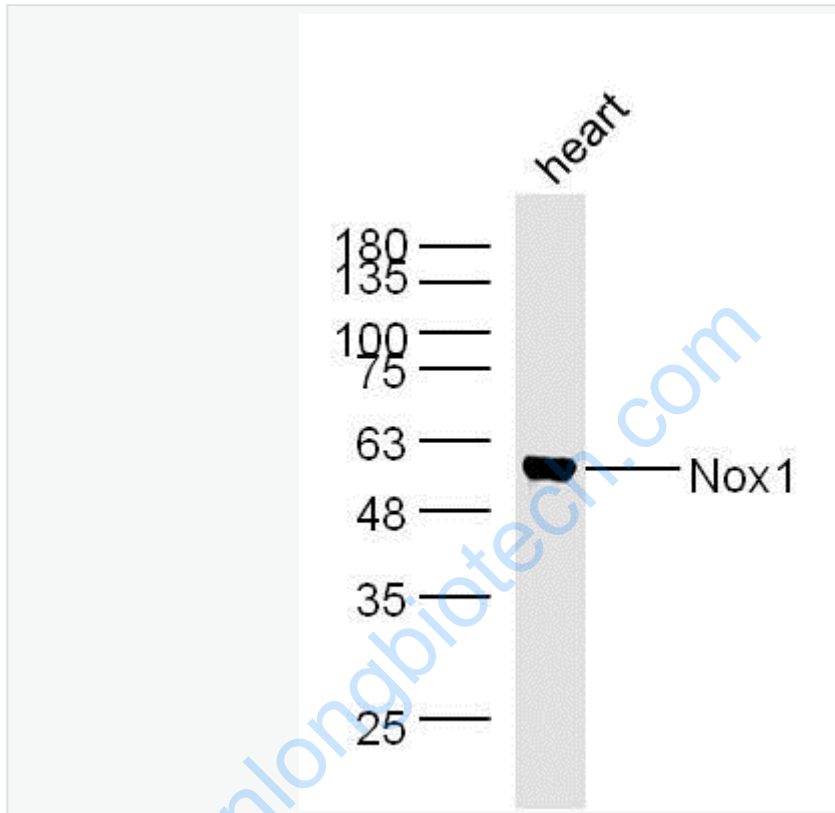
<b>Product Name:</b>	Nox1
<b>Chinese Name:</b>	有丝分裂氧化酶1抗体
<b>Alias:</b>	Mitogenic oxidase 1; MOX1; NADH/NADPH mitogenic oxidase subunit P65 MOX; NADPH oxidase 1; NADPH oxidase 1 variant NOH 1L; NADPH oxidase homolog 1; NOH 1; NOH1; RP1-146H21.1; GP91-2; Mitogenic oxidase (pyridine nucleotide dependent superoxide generating).
<b>文献引用</b> <b>PubMed</b> :	<b>Specific References(1)</b>  SL3682R has been referenced in 1 publications. <b>[IF=1.25]</b> Kashiwabara, Yoshiaki, et al. "Immunohistochemical localization of Nox in mouse circumvallate papillae." Tissue and Cell (2015). <b>IHC-P;Mouse.</b> <b>PubMed:26603975</b>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	62kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Nox1:425-515/515<Cytoplasmic>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized

	antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The NOX family NADPH protein oxidases are involved in transfer of electrons across membranes to generate reactive oxygen species. There are 7 family members - NOX1-5, DUOX1 and DUOX2. Expression of NOX1 is highest in colon tissue; it is also found in vascular tissue and can also be induced by a variety of factors including PDGF. It requires interaction with NOXO1 and NOXA1 for superoxide generation.</p> <p><b>Subunit:</b> NOX1, NOXA1, NOXO1, RAC1 and CYBA forms a functional multimeric complex supporting ROS production. Interacts with NOXA1 and NOXO1.</p> <p><b>Subcellular Location:</b> Cell projection, invadopodium membrane; Multi-pass membrane protein.</p> <p><b>Tissue Specificity:</b> NOH-1L is detected in colon, uterus, prostate, and colon carcinoma, but not in peripheral blood leukocytes. NOH-1S is detected only in colon and colon carcinoma cells.</p> <p><b>Similarity:</b> Contains 1 FAD-binding FR-type domain. Contains 1 ferric oxidoreductase domain.</p> <p><b>SWISS:</b> Q9Y5S8</p> <p><b>Gene ID:</b> 27035</p> <p><b>Database links:</b>  <a href="#">Entrez Gene: 27035</a>Human  <a href="#">Entrez Gene: 237038</a>Mouse  <a href="#">Omin: 300225</a>Human  <a href="#">SwissProt: Q9Y5S8</a>Human  <a href="#">SwissProt: Q8CIZ9</a>Mouse  <a href="#">Unigene: 592227</a>Human  <a href="#">Unigene: 233865</a>Mouse</p>

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Sample:

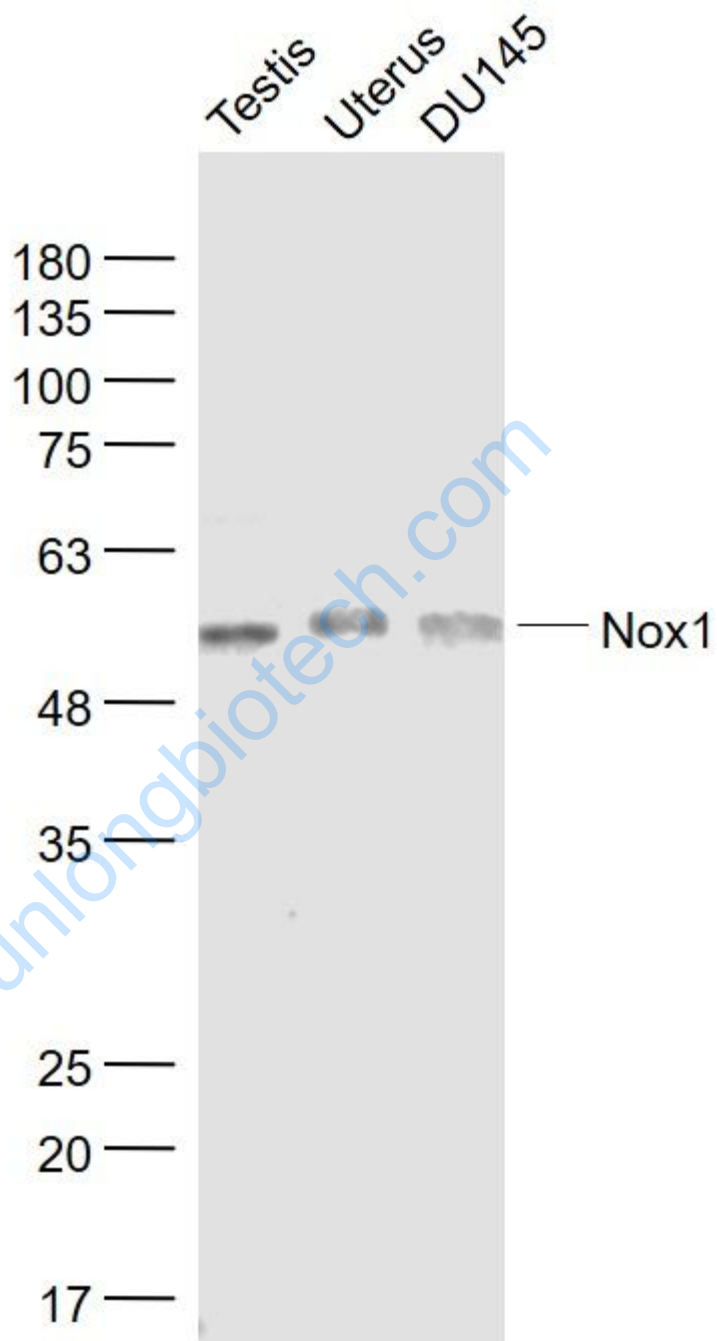
Heart (Mouse) Lysate at 40 ug

Primary: Anti-Nox1 (SL3682R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 62 kD

Observed band size: 62 kD



Sample:

Testis (Mouse) Lysate at 40 ug

Uterus (Mouse) Lysate at 40 ug

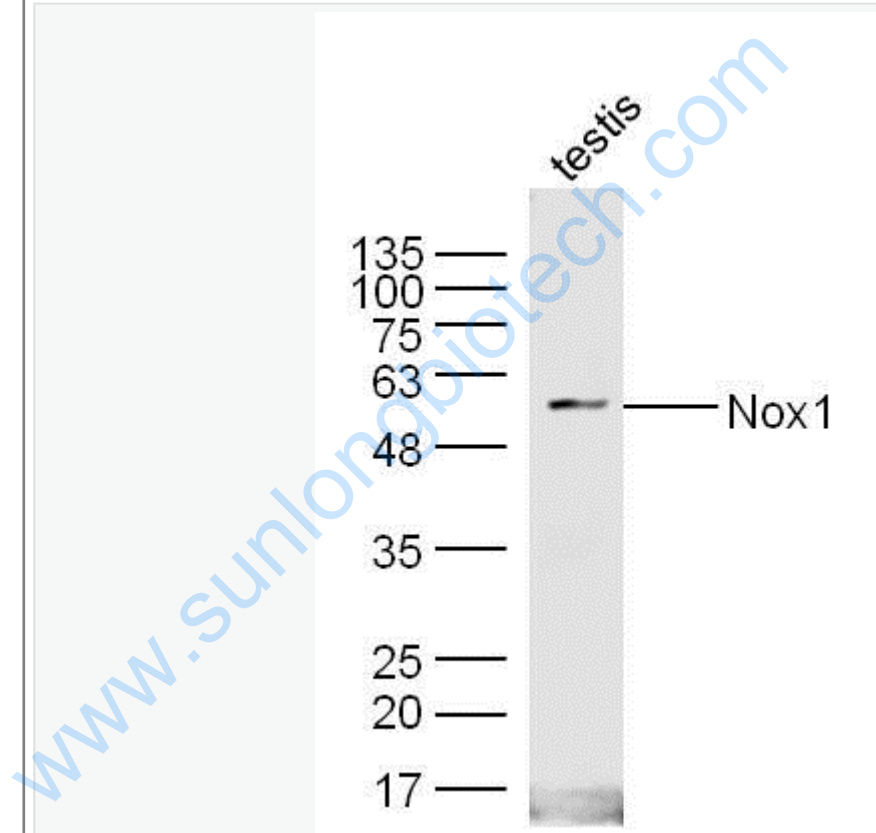
DU145(Human) Cell Lysate at 30 ug

Primary: Anti- Nox1 (SL3682R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 62 kD

Observed band size: 60 kD



Sample: Testis (Mouse) Lysate at 40 ug

Primary: Anti- Nox1 (SL3682R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/10000 dilution

Predicted band size: 62 kD

Observed band size: 57 kD

