

## GOAT ANTI-DUOX1 (AA972-985) ANTIBODY

**SKU:** EB11090

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Instructions</b>	
<b>Synonym /</b>	DUOX1  thyroid oxidase 1  THOX1  NOXEF1  nicotinamide adenine dinucleotide phosphate oxidase  NADPH
<b>Alias</b>	thyroid oxidase 1  MGC138841  MGC138840  long NOX 1  LNOX1  large NOX 1  flavoprotein NADPH oxidase
<b>Names</b>	dual oxidase 1
<b>Accession ID</b>	NP_059130.2
<b>Blocking Peptide</b>	EBP11090
<b>Immunogen</b>	Peptide with sequence CSRSDIETELTPQR, from the internal region of the protein sequence according to NP_059130.2.
<b>Product Comments</b>	Reported variants represent identical protein: NP_787954.1, NP_059130.2. This antibody is not expected to cross-react with DUOX2.
<b>Peptide Sequence</b>	CSRSDIETELTPQR
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	53905
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	Approx 170kDa band observed in Human Testis lysates (calculated MW of 177kDa according to NP_059130.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 140kDa. This band was successfully blocked by incubation with the immunizing peptide.
<b>Application Type</b>	Pep-ELISA, WB

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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