

# Product Datasheet

## DUOX1 Antibody - BSA Free

### NBP2-16232

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-16232**

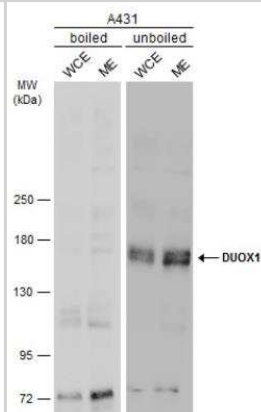
DUOX1 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	177 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	53905
<b>Gene Symbol</b>	DUOX1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Canine (86%), Rat (87%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human DUOX1. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000



## Images

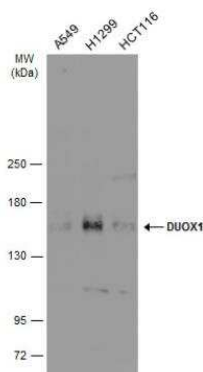
Western Blot: DUOX1 Antibody [NBP2-16232] - Boiled and unboiled A431 whole cell and membrane extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with DUOX1 antibody [N1N3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody. (WCE: whole cell extract; ME: membrane extract).



Immunohistochemistry-Paraffin: DUOX1 Antibody [NBP2-16232] - Human gastric cancer, using DUOX1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Western Blot: DUOX1 Antibody [NBP2-16232] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with DUOX1 antibody [N1N3] diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



## Publications

Poinsignon L, Chissey A, Ajjaji A et al. Placental cartography of NADPH oxidase (NOX) family proteins: Involvement in the pathophysiology of preeclampsia Archives of biochemistry and biophysics 2023-10-20 [PMID: 37866451] (Immunohistochemistry, Western Blot, Human)



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### **Products Related to NBP2-16232**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-81301PEP	DUOX1 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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