

## Product datasheet for **TA309632**

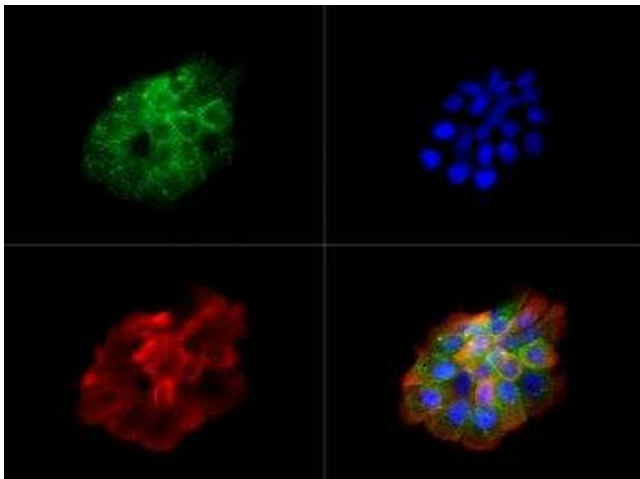
### **DUOX2 Rabbit Polyclonal Antibody**

#### **Product data:**

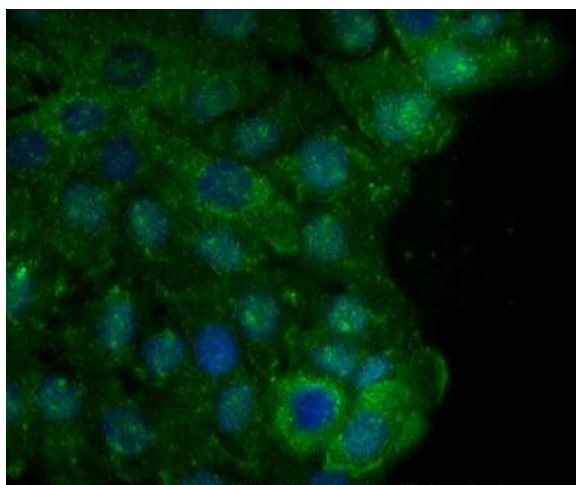
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ICC/IF, IHC, WB
<b>Recommended Dilution:</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence: 1:1000, Western Blot: 2 ug/ml, Immunohistochemistry, Knockdown Validated
<b>Reactivity:</b>	Canine, Human, Mouse, Porcine, Rat
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide made to an internal portion of the human protein (within residues 400-500). [Swiss-Prot# Q9NRD8]
<b>Formulation:</b>	PBS, 30% glycerol and 0.1% Sodium Azide
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Peptide affinity purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	dual oxidase 2
<b>Database Link:</b>	<a href="#">NP_054799</a> <a href="#">Entrez Gene 79107 Rat</a> <a href="#">Entrez Gene 214593 Mouse</a> <a href="#">Entrez Gene 50506 Human</a> <a href="#">Q9NRD8</a>
<b>Synonyms:</b>	LNOX2; NOXF2; P138-TOX; TDH6; THOX2
<b>Protein Families:</b>	Druggable Genome, Transmembrane



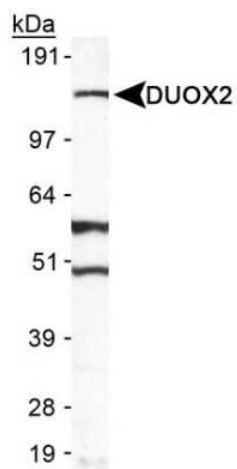
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**Product images:**

Immunocytochemistry/Immunofluorescence:  
DUOX2 Antibody TA309632 - DUOX2 antibody was tested in A431 cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red).



Immunocytochemistry/Immunofluorescence:  
DUOX2 Antibody TA309632 - A431 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-DUOX at 5 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Western Blot: DUOX2 Antibody TA309632 -  
Detection of DUOX2 in A549 in cell lysate.