

Nur für Forschungszwecke

# DUOX1 Monoklonaler Antikörper

Katalog-Nr.: 67226-1-Ig **1 Publikationen**



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67226-1-Ig	<b>GenBank-Zugangsnummer:</b> BC114938	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 2100 µg/ml von 53905 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 53905	<b>CloneNo.:</b> 3B8D6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> dual oxidase 1	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000 IF 1:200-1:800
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 1551 aa, 177 kDa	
<b>Immunogen Katalognummer:</b> AG18154	<b>Beobachtete Masse:</b> 190-200 kDa, 177 kDa, 138 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b> WB: humanes Hodengewebe, humanes Plazenta- Gewebe IF: Maus-Magengewebe,
<b>In Publikationen genannte Anwendungen:</b> IF	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Human	

## Hintergrundinformationen

DUOX1 (dual oxidase 1) is a calcium-activated transmembrane protein member of the NOX family of NADPH oxidases principally located on the apical surface of airway and thyroid epithelia (PMID: 28982074, 15677770, 10806195). DUOX1 is a strong generator of hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>), via intra-molecular dismutation of superoxide (PMID: 25586178). Epithelial DUOX1 appears to participate in additional host defense actions, such as mucociliary clearance, and may contribute to inflammatory responses and epithelial repair processes during exogenous stress (PMID: 19386603). DUOX1 has two isoforms with the calculated molecular mass of 177 and 138 kDa, and apparent molecular mass of 180-200 kDa due to the glycosylation (PMID: 17643428, 19144650).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Luc H J Sondorp	33142750	Cancers (Basel)	IF

## Lagerung

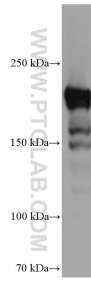
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

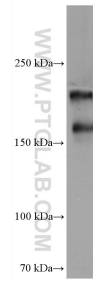
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

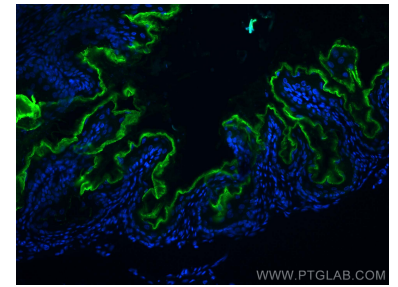
## Ausgewählte Validierungsdaten



human testis tissue were subjected to SDS PAGE followed by western blot with 67226-1-Ig (DUOX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



human placenta tissue were subjected to SDS PAGE followed by western blot with 67226-1-Ig (DUOX1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse stomach tissue using DUOX1 antibody (67226-1-Ig, Clone: 3B8D6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).