

À des fins de recherche uniquement

Anticorps Monoclonal anti-DUOX1

Numéro de catalogue: 67226-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 67226-1-Ig	Numéro d'acquisition GenBank: BC114938	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 53905	CloneNo.: 3B8D6
Hôte: Mouse	Nom complet: dual oxidase 1	Dilutions recommandées: WB 1:1000-1:4000 IF 1:200-1:800
Isotype: IgG2a	MW calculé: 1551 aa, 177 kDa	
Immunogen Catalog Number: AG18154	MW observés: 190-200 kDa, 177 kDa, 138 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : tissu testiculaire humain, tissu placentaire humain IF : tissu d'estomac de souris,
Demandes citées: IF	
Spécificité de l'espèce: Humain	
Espèces citées: Humain	

Informations générales

DUOX1 (dual oxidase 1) is a calciumactivated 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 (H₂O₂), 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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Luc H J Sondorp	33142750	Cancers (Basel)	IF

Stockage

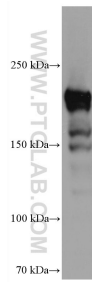
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

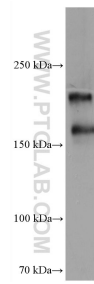
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

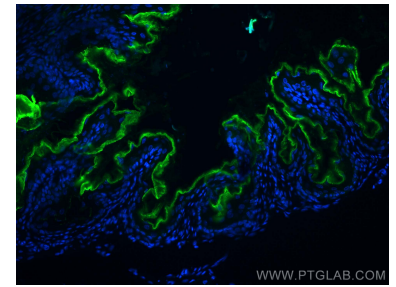
Données de validation sélectionnées



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).