

DUOX2 Conjugated Antibody

Catalog No: #C47081



Package Size: #C47081-AF350 100ul #C47081-AF405 100ul #C47081-AF488 100ul
 #C47081-AF555 100ul #C47081-AF594 100ul #C47081-AF647 100ul
 #C47081-AF680 100ul #C47081-AF750 100ul #C47081-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	DUOX2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DUOX2 protein.
Immunogen Description	Synthetic peptide of human DUOX2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TDH6; LNOX2; THOX2; NOXEF2; P138-TOX
Accession No.	Swiss-Prot#:Q9NRD8 NCBI Gene ID:50506NCBI Protein#:NP_054799
Uniprot	Q9NRD8
GeneID	50506;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The protein encoded by this gene is a glycoprotein and a member of the NADPH oxidase family. The synthesis of thyroid hormone is catalyzed by a protein complex located at the apical membrane of thyroid follicular cells. This complex contains an iodide transporter, thyroperoxidase, and a peroxide generating system that includes this encoded protein and DUOX1. This protein is known as dual oxidase because it has both a peroxidase homology domain and a gp91phox domain.?

Note: This product is for in vitro research use only