

For Research Use Only

# NOX1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84700-2-PBS



## Basic Information

<b>Catalog Number:</b> 84700-2-PBS	<b>GenBank Accession Number:</b> BC075014	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27035	<b>CloneNo.:</b> 241935A12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y558	
<b>Isotype:</b> IgG	<b>Full Name:</b> NADPH oxidase 1	
<b>Immunogen Catalog Number:</b> AG12187	<b>Calculated MW:</b> 564 aa, 65 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84700-2-PBS targets NOX1 as part of a matched antibody pair:

MP01957-1: 84700-3-PBS capture and 84700-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

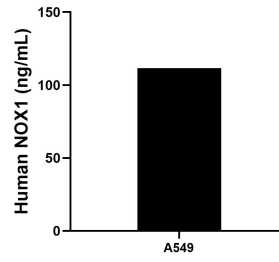
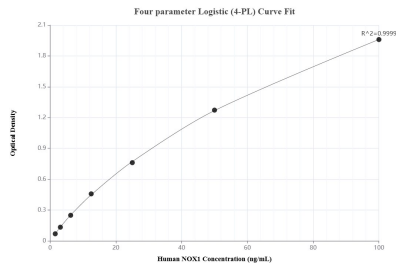
For technical support and original validation data for this product please contact:

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

## Selected Validation Data



Sandwich ELISA standard curve of MP01957-1, Human NOX1 Recombinant Matched Antibody Pair - PBS only. 84700-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12187. 84700-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL

The mean NOX1 concentration was determined to be 111.65 ng/mL in A549 cell extract based on a 2.50 mg/mL extract load.