

NOXA2 Conjugated Antibody

Catalog No: #C49940



Package Size: #C49940-AF350 100ul #C49940-AF405 100ul #C49940-AF488 100ul

#C49940-AF555 100ul #C49940-AF594 100ul #C49940-AF647 100ul

#C49940-AF680 100ul #C49940-AF750 100ul #C49940-Biotin 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	NOXA2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within Human NOXA2 aa 150-300.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	67 kDa neutrophil oxidase factor antibody Chronic granulomatous disease autosomal 2 antibody FLJ93058 antibody NADPH oxidase activator 2 antibody NCF-2 antibody Ncf2 antibody NCF2_HUMAN antibody Neutrophil cytosol factor 2 antibody Neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2) antibody Neutrophil NADPH oxidase factor 2 antibody NOXA2 antibody P67 PHOX antibody p67-phox antibody p67phox antibody
Accession No.	Swiss-Prot#:P19878
Uniprot	P19878
GeneID	4688;
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
Calculated MW	60/47 kDa
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 hereditary disease chronic granulomatous disease (CGD) has been linked to mutations in p47phox and p67phox. The cytosolic proteins p47phox and p67phox, also designated neutrophil cytosol factor 1 (NCF1) and NCF2, respectively, are required for activation of the superoxide-producing NADPH oxidase in neutrophils and other phagocytic cells. During activation of the NADPH oxidase, p47phox and p67phox migrate to the plasma membrane where they associate with cytochrome b558 and the small G protein Rac to form the functional enzyme complex. Both p47phox and p67phox contain two Src homology 3 (SH3) domains. The C-terminal SH3 domain of p67phox has been shown to interact with the proline rich domain of p47phox, suggesting that p47phox may facilitate the transport of p67phox to the membrane.

Note: This product is for in vitro research use only