

GPX1 Conjugated Antibody

Catalog No: #C38188



Package Size: #C38188-AF350 100ul #C38188-AF405 100ul #C38188-AF488 100ul
 #C38188-AF555 100ul #C38188-AF594 100ul #C38188-AF647 100ul
 #C38188-AF680 100ul #C38188-AF750 100ul #C38188-Biotin 100ul

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

Description

Product Name	GPX1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total GPX1 antibody.
Immunogen Description	Recombinant protein of human GPX1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GPX1; GSHPX1; MGC14399; MGC88245 ;
Accession No.	Swiss-Prot#:P07203NCBI Gene ID:2876
Uniprot	P07203
GeneID	2876;
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	22
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

Glutathione peroxidase 1 (GPX1) is a cytosolic selenoprotein which reduces hydrogen peroxide to water (1). GPX1 is the most abundant and ubiquitous among the five GPX isoforms identified so far (2). It is an important component in the anti-oxidative defense in cells and is associated with a variety of disease conditions, such as colon cancer (3), coronary artery disease (4) and insulin resistance (1).

Note: This product is for in vitro research use only