

Cytochrome P450 2A6 Conjugated Antibody

Catalog No: #C34232



Package Size: #C34232-AF350 100ul #C34232-AF405 100ul #C34232-AF488 100ul
 #C34232-AF555 100ul #C34232-AF594 100ul #C34232-AF647 100ul
 #C34232-AF680 100ul #C34232-AF750 100ul #C34232-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Cytochrome P450 2A6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Cytochrome P450 2A6 protein.
Immunogen Description	Synthesized peptide derived from N-terminal of human Cytochrome P450 2A6.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Cytochrome P450 2A6;EC 1.14.14.1;CYPIIA6;Coumarin 7-hydroxylase;P450 IIA3
Accession No.	Swiss-Prot#:P11509NCBI Gene ID:1548
Uniprot	P11509
GeneID	1548;
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	56
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Exhibits a high coumarin 7-hydroxylase activity. Can act in the hydroxylation of the anti-cancer drugs cyclophosphamide and ifosphamide. Competent in the metabolic activation of aflatoxin B1. Constitutes the major nicotine C-oxidase. Acts as a 1,4-cineole 2-exo-monoxygenase. Possesses low phenacetin O-deethylation activity.

Note: This product is for in vitro research use only