

CYP4V2 Conjugated Antibody

Catalog No: #C35255



Package Size: #C35255-AF350 100ul #C35255-AF405 100ul #C35255-AF488 100ul
 #C35255-AF555 100ul #C35255-AF594 100ul #C35255-AF647 100ul
 #C35255-AF680 100ul #C35255-AF750 100ul #C35255-Biotin 100ul

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Description

Product Name	CYP4V2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP4V2protein.
Immunogen Description	Synthesized peptide derived from Internal of human CYP4V2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BCD;CP4V2;CYP4AH1;CYP4V2;Cytochrome P450 4V2
Accession No.	Swiss-Prot#:Q6ZWL3NCBI Gene ID:285440
Uniprot	Q6ZWL3
GeneID	285440;
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
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

Catalyzes the omega-hydroxylation of medium-chain saturated fatty acids such as laurate, myristate and palmitate in an NADPH-dependent pathway. The substrate specificity is higher for myristate > laurate > palmitate (C14>C16>C12). May have a role in fatty acid and steroid metabolism in the eye.

Note: This product is for in vitro research use only