Cytochrome P450 3A7 Conjugated Antibody

Catalog No: #C35259



Package Size: #C35259-AF350 100ul #C35259-AF405 100ul #C35259-AF488 100ul

#C35259-AF555 100ul #C35259-AF594 100ul #C35259-AF647 100ul

#C35259-AF680 100ul #C35259-AF750 100ul #C35259-Biotin 100ul

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

Description

Clonality Polyclonal Specificity Hu Specificity The antibody detects endogenous levels of total Cytochrome P450 3A7 protein. Immunogen Description Synthesized peptide derived from internal of human Cytochrome P450 3A7. Conjugates Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 Cher Names Cytochrome P450;family 3;subfamily A;polypeptide 7;CYP3A7 Accession No. Swiss-Prot#:A4D288/P24462NCBI Gene ID:1551 GeneID :1551 Excitation Emission AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF556: 555nm/565nm AF594: 591nm/614nm AF680: 679nm/702nm AF680: 679nm/702nm AF750: 749nm/775nm Calculated MW 50 O.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide	Product Name	Cytochrome P450 3A7 Conjugated Antibody
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Storage Store at 4°C in dark for 6 months	Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
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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

This gene encodes a member of the cytochrome P450 superfamily of enzymes, which participate in drug metabolism and the synthesis of cholesterol, steroids and other lipids. This enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. This gene is part of a cluster of related genes on chromosome 7q21.1. Naturally-occurring readthrough transcription occurs between this gene and the downstream CYP3AP1 pseudogene and is represented by GeneID:100861540.

Note: This product is for in vitro research use only