AADACL2 Conjugated Antibody

Catalog No: #C36002

Package Size: #C36002-AF350 100ul #C36002-AF405 100ul #C36002-AF488 100ul #C36002-AF555 100ul #C36002-AF594 100ul #C36002-AF647 100ul #C36002-AF680 100ul #C36002-AF750 100ul #C36002-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	AADACL2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AADACL2 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human arylacetamide deacetylase-like 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ADCL2,MGC72001, Arylacetamide deacetylase-like 2,
Accession No.	Swiss-Prot#:Q6P093NCBI Gene ID:344752NCBI Protein#:BC065724
Uniprot	Q6P093
GeneID	344752;
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
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

AADAC is a 45 kDa membrane-associated hydrolase highly expressed in the human liver that has been implicated in the hydrolysis of arylacetamide xenobiotics including flutamide and phenacetin.556oΩ½C560AADAC is highly homologous to several related lipases, AADACL1, 2, and 4, the latter two of which remain completely unannotated. Overexpression of AADAC in a rat hepatoma cell line produces changes in cellular TG levels, apoplipoprotein B secretion, and fatty acid oxidation, but the mechanism for these effects remains unclear.561?Candidate endogenous substrates, selective inhibitors, or knockout mice have not, to our knowledge, been described for AADAC or the related enzymes AADACL2 and AADACL4.

Note: This product is for in vitro research use only