

ALDH9A1 Conjugated Antibody

Catalog No: #C37325



Package Size: #C37325-AF350 100ul #C37325-AF405 100ul #C37325-AF488 100ul
 #C37325-AF555 100ul #C37325-AF594 100ul #C37325-AF647 100ul
 #C37325-AF680 100ul #C37325-AF750 100ul #C37325-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ALDH9A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ALDH9A1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human Aldehyde dehydrogenase 9 family, member A1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	E3; ALDH4; ALDH7; ALDH9; TMABADH
Accession No.	Swiss-Prot#:P49189NCBI Gene ID:223NCBI mRNA#:NCBI Protein#:NP_001071
Uniprot	P49189
GeneID	223;
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	54
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

Background

This protein belongs to the aldehyde dehydrogenase family of proteins. It has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits. Converts gamma-trimethylaminobutyraldehyde into gamma-butyrobetaine. Catalyzes the irreversible oxidation of a broad range of aldehydes to the corresponding acids in an NAD-dependent reaction.

Note: This product is for in vitro research use only