

BBOX1 Conjugated Antibody

Catalog No: #C46334



Package Size: #C46334-AF350 100ul #C46334-AF405 100ul #C46334-AF488 100ul
 #C46334-AF555 100ul #C46334-AF594 100ul #C46334-AF647 100ul
 #C46334-AF680 100ul #C46334-AF750 100ul #C46334-Biotin 100ul

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Description

Product Name	BBOX1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BBOX1 protein.
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human BBOX1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BBH; BBOX; G-BBH; gamma-BBH
Accession No.	Swiss-Prot#:O75936NCBI Gene ID:8424NCBI mRNA#:NCBI Protein#:BC011034
Uniprot	O75936
GeneID	8424;
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	45
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

This gene encodes gamma butyrobetaine hydroxylase which catalyzes the formation of L-carnitine from gamma-butyrobetaine, the last step in the L-carnitine biosynthetic pathway. Carnitine is essential for the transport of activated fatty acids across the mitochondrial membrane during mitochondrial beta-oxidation.

Note: This product is for in vitro research use only