

MEP1A Conjugated Antibody

Catalog No: #C40314



Package Size: #C40314-AF350 100ul #C40314-AF405 100ul #C40314-AF488 100ul
 #C40314-AF555 100ul #C40314-AF594 100ul #C40314-AF647 100ul
 #C40314-AF680 100ul #C40314-AF750 100ul #C40314-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MEP1A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MEP1A protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human meprin A, alpha (PABA peptide hydrolase)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PPHA
Accession No.	Swiss-Prot#:Q16819NCBI Gene ID:4224NCBI mRNA#:NCBI Protein#:BC131714
Uniprot	Q16819
GeneID	4224;
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	84
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

Meprin A subunit alpha, also known as endopeptidase-2 or PABA peptide hydrolase, is the alpha subunit of the meprin A enzyme that in humans is encoded by the MEP1A gene.^{[1][2]} The MEP1A locus is on chromosome 6p in humans and on chromosome 17 in mice. The meprin alpha subunit product of the MEP1A gene is processed in the endoplasmic reticulum during intracellular transport, and is secreted as homomeric meprin A.

Note: This product is for in vitro research use only