

APIP Conjugated Antibody

Catalog No: #C35591



Package Size: #C35591-AF350 100ul #C35591-AF405 100ul #C35591-AF488 100ul

#C35591-AF555 100ul #C35591-AF594 100ul #C35591-AF647 100ul

#C35591-AF680 100ul #C35591-AF750 100ul #C35591-Biotin 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	APIP Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total APIP protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Probable methylthioribulose-1-phosphate dehydratase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	APIP2, CGI29, CGI-29, MMRP19, dJ179L10.2
Accession No.	Swiss-Prot#:Q96GX9NCBI Gene ID:51074NCBI mRNA#:NCBI Protein#:BC008440
Uniprot	Q96GX9
GeneID	51074;
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	27
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

APIP is an APAF1 (MIM 602233)-interacting protein that acts as a negative regulator of ischemic/hypoxic injury. The protein highly expressed in skeletal muscle and heart and binds to the CARD of Apaf-1 in competition with caspase-9. Exogenous APIP inhibits cytochrome c-induced activation of caspase-3 and caspase-9, and suppresses cell death triggered by mitochondrial apoptotic stimuli through inhibiting the downstream activity of cytochrome c released from mitochondria.

Note: This product is for in vitro research use only