

AIP Conjugated Antibody

Catalog No: #C37341



Package Size: #C37341-AF350 100ul #C37341-AF405 100ul #C37341-AF488 100ul
 #C37341-AF555 100ul #C37341-AF594 100ul #C37341-AF647 100ul
 #C37341-AF680 100ul #C37341-AF750 100ul #C37341-Biotin 100ul

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Description

Product Name	AIP Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total AIP protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human aryl hydrocarbon receptor interacting protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARA9; XAP2; XAP-2; FKBP16; FKBP37; SMTPHN
Accession No.	Swiss-Prot#:O00170NCBI Gene ID:9049NCBI Protein#:NP_001640
Uniprot	O00170
GeneID	9049;
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

The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus.

Note: This product is for in vitro research use only