

AGO4 Conjugated Antibody

Catalog No: #C37351



Package Size: #C37351-AF350 100ul #C37351-AF405 100ul #C37351-AF488 100ul
 #C37351-AF555 100ul #C37351-AF594 100ul #C37351-AF647 100ul
 #C37351-AF680 100ul #C37351-AF750 100ul #C37351-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	AGO4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total AGO4 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human argonaute RISC catalytic component 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EIF2C4
Accession No.	Swiss-Prot#:Q9HCK5NCBI Gene ID:192670NCBI mRNA#:NCBI Protein#:NP_003215
Uniprot	Q9HCK5
GeneID	192670;
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	97
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 a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic containing PAZ and PIWI domains, and it may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and eukaryotic translation initiation factor 2C, 1.

Note: This product is for in vitro research use only