PABPN1 Conjugated Antibody

Catalog No: #C49479

Package Size: #C49479-AF350 100ul #C49479-AF405 100ul #C49479-AF488 100ul #C49479-AF555 100ul #C49479-AF594 100ul #C49479-AF647 100ul #C49479-AF680 100ul #C49479-AF750 100ul #C49479-Biotin 100ul

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Description

Product Name	PABPN1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Nuclear poly(A)-binding protein 1 antibody OPMD antibody PAB2 antibody PABII antibody PABP 2 antibody pABP-2 antibody PABP2 antibody PABP2_HUMAN antibody PABPII antibody Pabpn1 antibody poly(A) binding protein nuclear 1 antibody Poly(A)-binding protein 2 antibody Poly(A)-binding protein II antibody PolyA binding protein II antibody Polyadenylate-binding nuclear protein 1 antibody Polyadenylate-binding protein 2 antibody
Accession No.	Swiss-Prot#:Q86U42
Uniprot	Q86U42
GeneID	8106;
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	49 kDa
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

Involved in the 3'-end formation of mRNA precursors (pre-mRNA) by the addition of a poly(A) tail of 200-250 nt to the upstream cleavage product. Stimulates poly(A) polymerase (PAPOLA) conferring processivity on the poly(A) tail elongation reaction and controls also the poly(A) tail length. Increases the affinity of poly(A) polymerase for RNA. Is also present at various stages of mRNA metabolism including nucleocytoplasmic trafficking and nonsense-mediated decay (NMD) of mRNA. Cooperates with SKIP to synergistically activate E-box-mediated transcription through MYOD1 and may regulate the expression of muscle-specific genes. Binds to poly(A) and to poly(G) with high affinity. May protect the poly(A) tail from degradation.

Note: This product is for in vitro research use only