

## CPEB4 Conjugated Antibody

Catalog No: #C46977



Package Size: #C46977-AF350 100ul #C46977-AF405 100ul #C46977-AF488 100ul  
 #C46977-AF555 100ul #C46977-AF594 100ul #C46977-AF647 100ul  
 #C46977-AF680 100ul #C46977-AF750 100ul #C46977-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
 Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	CPEB4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CPEB4 protein.
Immunogen Description	Fusion protein of human CPEB4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CPE-BP4; hCPEB-4
Accession No.	Swiss-Prot#:Q17RY0NCBI Gene ID:80315NCBI Protein#:BC036899
Uniprot	Q17RY0
GeneID	80315;
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

---

Cytoplasmic polyadenylation element binding protein 4 (CPEB4) is a sequence-specific RNA-binding protein that participates in translational control. CPEB4 is a member of the CPEB family, which includes CPEB1, CPEB2, CPEB3, and CPEB4, all of which share structure and sequence identity in the C-terminal RNA-binding domain (RBD). CPEB4 has two domains: one that is structured for RNA binding and one that is unstructured and low complexity that has no known function.

---

Note: This product is for in vitro research use only