# RbAP48 Conjugated Antibody

Catalog No: #C49740

Package Size: #C49740-AF350 100ul #C49740-AF405 100ul #C49740-AF488 100ul #C49740-AF555 100ul #C49740-AF594 100ul #C49740-AF647 100ul #C49740-AF680 100ul #C49740-AF750 100ul #C49740-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | RbAP48 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | Recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | CAF I p48 antibody CAF-1 subunit C antibody CAF-I 48 kDa subunit antibody CAF-I p48 antibody Chromatin assembly factor 1 subunit C antibody Chromatin assembly factor I p48 subunit antibody Chromatin assembly factor/CAF 1 p48 subunit antibody Histone-binding protein RBBP4 antibody MSI1 protein homolog antibody Nucleosome-remodeling factor subunit RBAP48 antibody NURF55 antibody RB binding protein 4 chromatin remodeling factor antibody RbAp 48 antibody RBAP48 antibody RBBP-4 antibody RBBP4 antibody RBBP4_HUMAN antibody Retinoblastoma binding protein 4 antibody Retinoblastoma binding protein p48 antibody Retinoblastoma-binding protein 4 antibody Retinoblastoma-binding protein p48 antibody |
| Accession No. | Swiss-Prot#:Q09028 |
| Uniprot | Q09028 |
| GeneID | 5928; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW | 48 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

In the intact cell, DNA is closely associated with histones and other nuclear proteins to form chromatin.The remodeling of chromatin is believed to be a critical component of transcriptional regulation, and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino-terminal tail domain of histone results in an allosteric change in the nucleosomal conformation, and an increased accessiblity of DNA to transcription factors. Mammalian HDAC1 (also designated HD1), HDAC2 (also designated RPD3) and HDAC3, all of which are related to the yeast transcriptional regulator Rpd3p, have been identified as histone deacetylases. The retinoblastoma binding proteins RbAp46 and RbAp48 have been identified as histone binding proteins, and they are components of the histone deacetylase complex.

Note: This product is for in vitro research use only