# SMARCAL1 Conjugated Antibody

Catalog No: #C29865

Package Size: #C29865-AF350 100ul #C29865-AF405 100ul #C29865-AF488 100ul #C29865-AF555 100ul #C29865-AF594 100ul #C29865-AF647 100ul #C29865-AF680 100ul #C29865-AF750 100ul #C29865-Biotin 100ul

Orders: order@signalwayantibody.com
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## Description

| | |
|---|---|
| Product Name | SMARCAL1 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | most applications |
| Species Reactivity | Ms |
| Immunogen Description | A synthetic peptide of human SMARCAL1 (NP_001120679.1). |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | SMARCAL1; HARP; HHARP; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a like 1 |
| Accession No. | Swiss-Prot#:Q9NZC9NCBI Gene ID:50485 |
| Uniprot | Q9NZC9 |
| GeneID | 50485; |
| 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 | Refer to figures |
| 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 member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency.

Note: This product is for in vitro research use only