

## BAF57 Conjugated Antibody

Catalog No: #C49985



Package Size: #C49985-AF350 100ul #C49985-AF405 100ul #C49985-AF488 100ul

#C49985-AF555 100ul #C49985-AF594 100ul #C49985-AF647 100ul

#C49985-AF680 100ul #C49985-AF750 100ul #C49985-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	BAF57 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human BAF57 aa 1-200.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BAF57 antibody BRG1 associated factor 57 antibody BRG1-associated factor 57 antibody Chromatin remodeling complex BRG1 associated factor 57 antibody FLJ35648 antibody SMARCE 1 antibody SMARCE1 antibody SMCE1_HUMAN antibody SWI/SNF related matrix associated actin dependent regulator of chromatin e1 antibody SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily e member 1 antibody SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 antibody
Accession No.	Swiss-Prot#:Q969G3
Uniprot	Q969G3
GeneID	6605;
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	47 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

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## Background

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The SWI/SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF1 or SNF2 $\alpha$ ) and Brg-1 (also designated SNF2 or SNF2 $\beta$ ) are the ATPase subunits of the mammalian SWI/SNF complex. Brm, Brg-1, Ini1 (integrase interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI/SNF complex. In higher eukaryotes, BAF57 is also a critical component of the SWI/ SNF complex. BAF57 contains a high-mobility-group (HMG) domain adjacent to a kinesin-like region and is a DNA-binding subunit of the SWI/SNF complex. The human BAF57 gene maps within the q12-25 region of chromosome 17, a gene-rich area implicated in breast and ovarian cancers.

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Note: This product is for in vitro research use only