

SMARCD1 Monoclonal antibody

Catalog Number: **66116-1-Ig** **1 Publications**

Basic Information

Catalog Number:

66116-1-Ig

Size:

1700 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19100

GenBank Accession Number:

BC009368

GeneID (NCBI):

6602

UNIPROT ID:

Q96GM5

Full Name:

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1

Calculated MW:

58 kDa

Observed MW:

58 kDa

Purification Method:

Protein G purification

CloneNo.:

2F2G6

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

rat

Positive Controls:

WB: Jurkat cells, HepG2 cells, human brain tissue

Background Information

SMARCD1 (SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1), also known as BAF60a (BRG1-associated factor 60A), Rsc6p or CRACD1, is a 476 amino acid protein that localizes to the nucleus and contains one SWIB domain. Expressed ubiquitously with notable expression in liver, brain, muscle, lung, kidney, pancreas and placenta, SMARCD1 functions as a component of the BAF complex and, in conjunction with a variety of other proteins, plays an essential role in chromatin remodeling. In addition, SMARCD1 influences vitamin D-mediated transcriptional activity and is thought to provide a link between the vitamin D receptor (VDR) and SWI/SNF chromatin remodeling complexes. Multiple isoforms of BAF60a exist due to alternative splicing events.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|-----------------|-------------|
| Mengwen Feng | 38688398 | Eur J Pharmacol | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

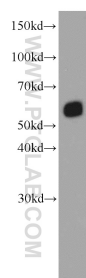
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66116-1-Ig (SMARCD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.