

Recombinant SMARCD1 Monoclonal Antibody

catalog number: **AN301799L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

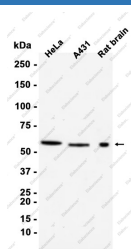
Reactivity	Human;Mouse
Immunogen	A synthetic peptide of human SMARCD1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C271421
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

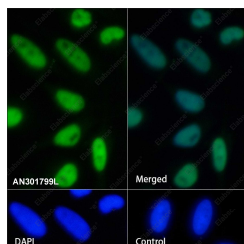
WB	1:1000
ICC/IF	1:50
IP	1:20-1:50
FCM	1:200-1:500

Data

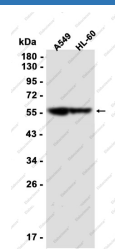


Western blot analysis of HeLa, A431 and Rat brain cell lysates using SMARCD1 Antibody (AN301799L) at a dilution of 1:1000.

Observed-MW:58 kDa
Calculated-MW:58 kDa



Immunofluorescence analysis of HeLa cells using SMARCD1 Antibody (AN301799L). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.



Western blot analysis of A549 and HL-60 cell lysates using SMARCD1 Antibody (AN301799L) at a dilution of 1:1000.

Observed-MW:58 kDa
Calculated-MW:58 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Rev. V1.4

SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 (SMARCD1) is a protein that is encoded by the SMARCD1 gene in human. SMARCD1 involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA- nucleosome topology). It is a component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner.