Product Datasheet

SMARCA4 Antibody

Catalog No: #31163

Package Size: #31163-1 50ul #31163-2 100ul

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

Description

Product Name	SMARCA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total SMARCA4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 1460-1474 amino acids of human SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member?
Target Name	SMARCA4
Other Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member, BRG1, SNF2, SWI2, MRD16, RTPS2, BAF190, SNF2L4, SNF2LB, hSNF2b, BAF190A
Accession No.	Swiss-Prot:P51532Gene ID:6597;
Uniprot	P51532
GeneID	6597;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

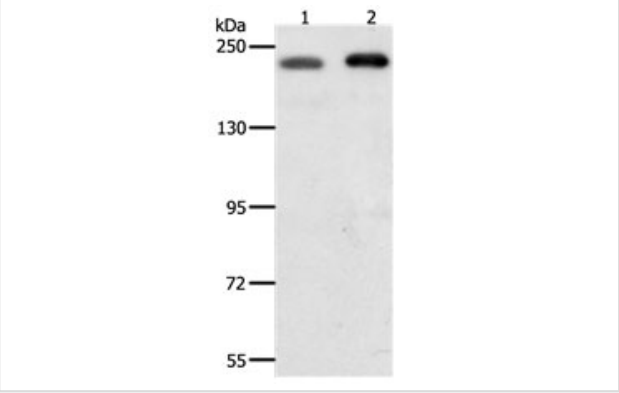
Application Details

Predicted MW: 185kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
Lane1: Hela cell lysate
Lane2: Jurkat cell lysate
Lysates: 50 ug per lane
Primary antibody: 1/700 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 30 seconds

Background

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of Drosophila. 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 is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Mutations in this gene cause rhabdoid tumor predisposition syndrome type 2. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only