

Datasheet for ABIN2775844
anti-SMARCA1 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SMARCA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SMARCA1
Sequence:	QEEGAAAAAT EATAATEKGE KKKEKNVSSF QLKLAAPK SEKEMDPEYE
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 85%, Pig: 93%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against SMARCA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SMARCA1
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Target Details

Alternative Name:	SMARCA1 (SMARCA1 Products)
Background:	SMARCA1 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. This gene encodes 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Alias Symbols: DKFZp686D1623, FLJ41547, ISWI, NURF140, SNF2L, SNF2L1, SNF2LB, SWI, SWI2, SNF2LT Protein Interaction Partner: UBC, EED, TFPT, DDX21, RUVBL1, SMARCA5, SMARCC2, SMARCC1, SMARCA4, RBBP4, GRK5, SETD1A, USF1, ARID1B, PGR, BPTF, HIST1H3A, RBBP7, PARP1, BAZ1B, H3F3B, Protein Size: 1033
Molecular Weight:	120 kDa
Gene ID:	6594
NCBI Accession:	NM_139035 , NP_620604
UniProt:	P28370
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1033 AA
Restrictions:	For Research Use only

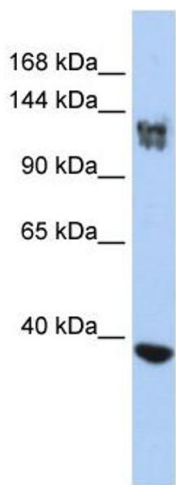
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SMARCA1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate