

## Datasheet for ABIN2778298

# anti-SMARCA2 antibody (N-Term)





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Quantity:	100 μL		
Target:	SMARCA2		
Binding Specificity:	N-Term		
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This SMARCA2 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 SMARCA2		
Sequence:	EKVPSNSQLE IEGNSSGRQL SEVFIQLPSR KELPEYYELI RKPVDFKKIK		
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%		
Characteristics:	This is a rabbit polyclonal antibody against SMARCA2. It was validated on Western Blot.		
Purification:	Affinity Purified		
Target Details			
Target:	SMARCA2		

### Target Details

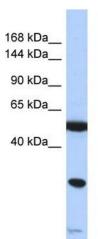
Alternative Name:	SMARCA2 (SMARCA2 Products)		
Background:	The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and are thought to regulate transcription of 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism.  Alias Symbols: BRM, SNF2, SWI2, hBRM, NCBRS, Sth1p, BAF190, SNF2L2, SNF2LA, hSNF2a Protein Size: 254		
Molecular Weight:	27 kDa		
Gene ID:	6595		
NCBI Accession:	NM_001289396, NP_001276325		
UniProt:	P51531		
Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Handling Advice:	Avoid repeat freeze-thaw cycles.		
	-20 °C		

#### Handling

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



Host: Rabbit

Target Name: SMARCA2

Sample Tissue: Jurkat Cell Lysate

Antibody Dilution: 1.0µg/ml

#### **Western Blotting**

**Image 1.** Host: Rabbit Target Name: SMARCA2 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml