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anti-SMARCA5 antibody (N-Term)





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Overview	
Quantity:	100 μL
Target:	SMARCA5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCA5 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SMARCA5
Sequence:	AGPADAEMEE IFDDASPGKQ KEIQEPDPTY EEKMQTDRAN RFEYLLKQTE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SMARCA5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	SMARCA5

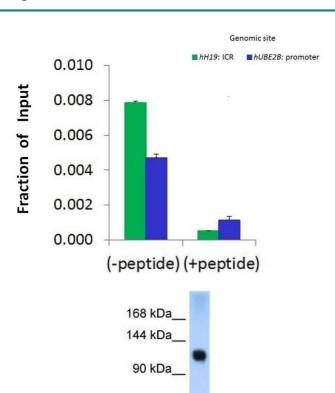
Target Details

	SMARCA5 (SMARCA5 Products)		
Background:	SMARCA5 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. SMARCA5 is a component of the		
	chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II general		
	by RNA polymerase II. The protein encoded by this gene 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.		
	The protein encoded by this gene is a component of the chromatin remodeling and spacing		
	factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encode		
	protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. Publication		
	Note: This RefSeq record includes a subset of the publications that are available for this gene.		
	Please see the Entrez Gene record to access additional publications.		
	Alias Symbols: ISWI, SNF2H, WCRF135, hISWI, hSNF2H		
	Protein Interaction Partner: SUMO2, SUMO3, HIST1H3A, UBC, RPA3, RPA2, RPA1, SUZ12, EED,		
	RNF2, BMI1, HB-1, AT5G35210, LMNA, RSF1, BAZ1A, SMARCA5, WHSC1, SS18, SSX2, UL29,		
	RNF168, VCP, NOTCH1, IK, HDAC2, HDAC1, CHRAC1, MBD3, PHGDH, NCSTN, POLR3A,		
	RUVBL2, RBM14, SAP18, HNRNPR, EIF4A3, B		
	Protein Size: 1052		
Molecular Weight:	122 kDa		
Gene ID:	8467		
NCDI Accession:	NM_003601, NP_003592		
NCBI Accession:			
UniProt:	060264		
UniProt:	060264		
UniProt: Pathways:	060264		
UniProt: Pathways: Application Details	O60264 Chromatin Binding		
UniProt: Pathways: Application Details Application Notes:	Ohromatin Binding Optimal working dilutions should be determined experimentally by the investigator.		
UniProt: Pathways: Application Details Application Notes: Comment:	Ohromatin Binding Optimal working dilutions should be determined experimentally by the investigator. Antigen size: 1052 AA		

Handling

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
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



65 kDa_

40 kDa

Chromatin Immunoprecipitation

Image 1. Chromatin Immunoprecipitation (ChIP) Using SMARCA5 Antibody - N-terminal region (ARP30031_P050) and HCT116 Cells

Western Blotting

Image 2. WB Suggested Anti-SMARCA5 Antibody Titration:0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control:Transfected 293T