

Datasheet for ABIN2775846
anti-HLTF antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HLTF
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLTF 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 SMARCA3
Sequence:	DPVWKYLQTV QYGVHGNFPR LSYPTFFPRF EFQDVIPPDD FLTSDEEVDS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against SMARCA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HLTF
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Target Details

Alternative Name: SMARCA3 ([HLTF Products](#))

Background: SMARCA3 (HLTF) is a member of the SWI/SNF family. 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. SMARCA3 contains a RING finger DNA binding motif. Western blots using two different antibodies against two unique regions of this protein target confirm the same apparent molecular weight in our tests. 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 encoded protein contains a RING finger DNA binding motif. Two transcript variants encoding the same protein have been found for this gene. However, use of an alternative translation start site produces an isoform which is truncated at the N-terminus as compared to the full-length protein.

Alias Symbols: ZBU1, HLTF1, RNF80, HIP116, SNF2L3, HIP116A, SMARCA3

Protein Interaction Partner: CHFR, UBC, RAD18, SUMO2, RPA3, RPA2, RPA1, WBP4, BRCA1, DTL, SULT1C2, HSPA8, CDK9, NOTCH1, SP3, SP1, SPRTN, Cebpb, ELAVL1, Shprh, RNF146, tat, EWSR1, UBE2Z, RPAP1, USP7, EEF1G, UBE2V2, UBE2N, PCNA,

Protein Size: 1009

Molecular Weight: 114 kDa

Gene ID: 6596

NCBI Accession: [NM_139048](#), [NP_620636](#)

UniProt: [Q14527](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1009 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.

Handling

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



Western Blotting

Image 1. WB Suggested Anti-SMARCA3 Antibody Titration:
2.5ug/ml ELISA Titer: 1:312500 Positive Control:
Transfected 293T