

## Datasheet for ABIN2780462

# anti-HLTF antibody (C-Term)





#### Overview

Overview	
Quantity:	100 μL
Target:	HLTF
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Cow, Rabbit, Horse, Guinea 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 C terminal region of human SMARCA3
Sequence:	FIVKDSVEEN MLKIQNKKRE LAAGAFGTKK PNADEMKQAK INEIRTLIDL
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Rabbit: 86%, 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

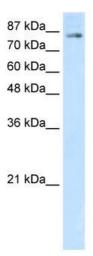
## **Target Details**

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: 5.0ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T