

Datasheet for ABIN2775846

anti-HLTF antibody (N-Term)





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| Overview | |
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| 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 |
| | |

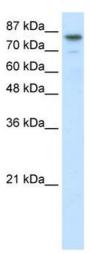
Target Details

| 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