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HIP116A Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6812c

Specification

HIP116A Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q14527

HIP116A Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6596

Other Names
Helicase-like transcription factor, 364-, 632-, DNA-binding protein/plasminogen activator inhibitor 1 regulator, HIP116, RING finger protein 80, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3, Sucrose nonfermenting protein 2-like 3, HLTF, HIP116A, RNF80, SMARCA3, SNF2L3, ZBU1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6812c was selected from the Center region of human HIP116A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HIP116A Antibody (Center) Blocking Peptide - Protein Information

Name HLTF

Synonyms HIP116A, RNF80, SMARCA3, SNF2L3, ZBU1

Function
Has both helicase and E3 ubiquitin ligase activities. Possesses intrinsic ATP-dependent nucleosome-remodeling activity; This activity may be required for transcriptional activation or repression of specific target promoters (By similarity). These may include the SERPINE1 and HIV-1 promoters and the SV40 enhancer, to which this protein can bind directly. Plays a role in error-free postreplication repair (PRR) of damaged DNA and maintains genomic stability through acting as a ubiquitin ligase for 'Lys-63'-linked polyubiquitination of chromatin-bound PCNA.

Cellular Location
Cytoplasm. Nucleus. Nucleus, nucleolus Nucleus, nucleoplasm. Note=Nuclear localization is stimulated by progesterone.

Tissue Location
Expressed in brain, heart, kidney, liver, lung, pancreas, placenta and skeletal muscle.

HIP116A Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

HIP116A Antibody (Center) Blocking Peptide - Images

HIP116A Antibody (Center) Blocking Peptide - Background

HIP116A 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. This protein contains a RING finger DNA binding motif.

HIP116A Antibody (Center) Blocking Peptide - References

Ding,H., et.al., DNA Cell Biol. 15 (6), 429-442 (1996)