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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05441 - Goat Anti-SMARCA3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SNF2L3, DNA-binding protein/plasminogen activator inhibitor-1 regulator, helicase-like transcription factor, sucrose nonfermenting-like 3, SNF2-like 3, SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 3, HIP116A, SNF2L3, HIP116, RNF80, HLTF1, ZBU1, SMARCA3, HLTF

Official Symbol: HLTF

Accession Number(s): NP_003062.2; NP_620636.1

Human GeneID(s): [6596](#)

Non-Human GeneID(s): 20585 (mouse)

Important Comments: NP_003062.2 and NP_620636.2 are variants that represent the same protein.

Immunogen

Peptide with sequence C-KQAKINEIRTLIDL, from the C Terminus of the protein sequence according to NP_003062.2; NP_620636.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 120kDa and 50kDa bands seen in Jurkat cell lysate.

Recommended for use at 0.2-1µg/ml. Please note that the weaker smaller band may represent a novel isoform of this protein and is in agreement with previous Western blot observations (J Biol Chem 1995 Mar 3;270(9):4575-87).

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

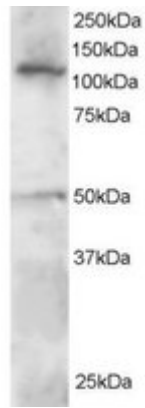
Background Reference

Sheridan PL, Schorpp M, Voz ML, Jones KA.

Cloning of an SNF2/SWI2-related protein that binds specifically to the SPH motifs of the SV40 enhancer and to the HIV-1 promoter.

J Biol Chem. 1995 Mar 3;270(9):4575-87.

PMID: 7876228



EB05441 staining (0.5 μ g/ml) of Jurkat lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.