

Goat anti-SMARCA3 Antibody

Item Number	dAP-0101
Target Molecule	Principle Name: SMARCA3; Official Symbol: HLTF; All Names and Symbols: HLTF; SMARCA3; ZBU1; HLTF1; RNF80; HIP116; SNF2L3; HIP116A; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 3; SNF2-like 3; sucrose nonfermenting-like 3; helicase-like transcription factor; DNA-binding protein; Accession Number (s): NP_003062.2; NP_620636.1; Human Gene ID(s): 6596; Non-Human GeneID(s): 20585 (mouse)
Immunogen	KQAKINEIRTLIDL, is from C Terminus NP_003062.2 and NP_620636.2 are variants that represent the same protein.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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 observation
IHC	
Reference	Reference(s): 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. <i>J Biol Chem.</i> 1995 Mar 3;270(9):4575-87.. PMID: 7876228->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**