

Goat anti-BAF57 / SMARCE1 Antibody

Item Number	dAP-0389
Target Molecule	Principle Name: BAF57 / SMARCE1; Official Symbol: SMARCE1; All Names and Symbols: SMARCE1; BAF57; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1; mammalian chromatin remodeling complex BRG1-associated factor 57; BAF57; SWI/SNF-related matrix-associated actin-dependent regulator of chro; Accession Number (s): NP_003070.3; Human Gene ID(s): 6605; Non-Human GenelD(s): 57376 (mouse)
Immunogen	PPTDPIPEDEKKE, is from C Terminus
Applications	Pep ELISA, WB, IHC 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 50kDa band observed in lysates of cell lines HEPG2, HeLa and Jurkat (calculated MW of 46.6kDa according to NP_003070.3). A 48kDa band was observed in transfected HEK293 transiently expressing BAF57. This band is not observed in the
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows nuclear staining in secretory epithelial cells. Recommended concentration, 3-5µg/ml.

Reference Reference(s): Wang W, Chi T, Xue Y, Zhou S, Kuo A, Crabtree GR. Architectural DNA binding by a high-mobility-group/kinesin-like subunit in mammalian SWI/SNF-related complexes. *Proc Natl Acad Sci U S A*. 1998 Jan 20;95(2):492-8..PMID: 9435219 ->

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**