



Goat anti-BAF53A and BAF53B Antibody

Item Number	dAP-0412
Target Molecule	Principle Name: BAF53A and BAF53B; Official Symbol: ACTL6A / ACTL6B; All Names and Symbols: BAF53A; BAF53B; ACTL6; BAF53a; BAF53b; actin-like 6A; actin-like 6B; hArpN alpha; actin-related protein; ACTL6A; ACTL6B; 53 kDa BRG1-associated factor B; ARPN-BETA; MGC5382 Arp4; INO80K; BAF complex 53 kDa subunit; BAF53; BRG1-associated factor; INO80 com; Accession Number (s): NP_004292.1; NP_817126.1; NP_057272.1; Human Gene ID(s): 51412; 86; Non-Human GeneID(s):
Immunogen	YEEGGKQCVERKCP, is from C Terminus This antibody is expected to recognise both BAF53A and BAF53B, which are almost identical. Reported variants represent identical protein (NP_817126.1; NP_829888.1).
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 64000.
Western Blot	Western Blot: Approx 48kDa band observed in Hela lysates (predicted MW of 49kDa according to NP_057272, NP_004292). Recommended for use at 1-3µg/ml.
IHC	
Reference	Reference(s): Harata M, Mochizuki R, Mizuno S. Two isoforms of a human actin-related protein show nuclear localization and mutually selective expression between brain and other tissues. Biosci Biotechnol Biochem. 1999 May;63(5):917-23..PMID: 10380635 ->

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 ender users! This product is sold for **Research Use Only**