

Product Data Sheet

Anti-BAF53B Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|--|------------|---------------|
| CQA1795 | Rabbit | H, M | WB, IH, IF/IC |
| Description | Rabbit polyclonal antibody to BAF53B | | |
| Immunogen | Recombinant full length protein of human BAF53B | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of BAF53B protein. | | |
| Clonality | Polyclonal | | |
| Conjugation | | | |
| Form | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | |
| Dilution | WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100) | | |
| Gene Symbol | ACTL6B | | |
| Alternative Names | ACTL6; BAF53B; Actin-like protein 6B; 53 kDa BRG1-associated factor B; Actin-related protein Baf53b; ArpNalpha; BRG1-associated factor 53B; BAF53B | | |
| Entrez Gene | 51412 (Human); 83766 (Mouse) | | |
| SwissProt | O94805 (Human); Q99MR0 (Mouse) | | |
| Storage/Stability | Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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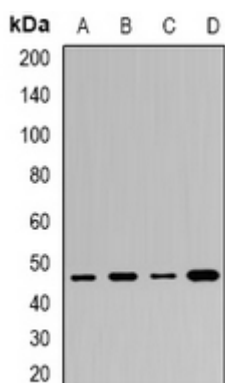
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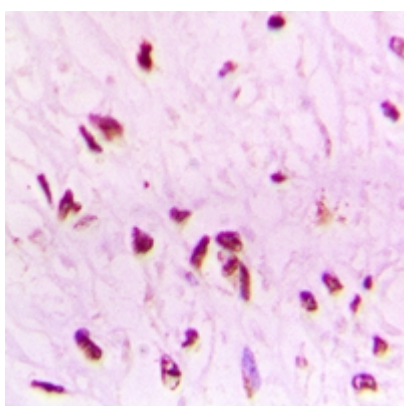
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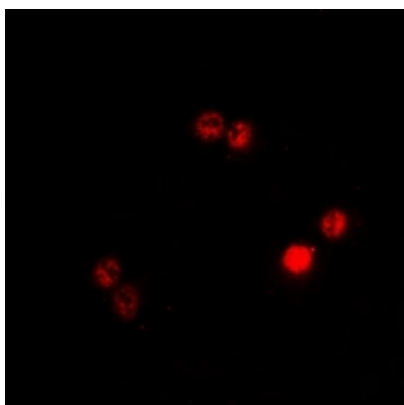
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Western blot analysis of BAF53B expression in HL60 (A), HeLa (B), HepG2 (C), mouse brain (D) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 47-55 kD)



Immunohistochemical analysis of BAF53B staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of BAF53B staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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