

Rabbit anti-Human, Mouse ACTL6B Polyclonal Antibody | anti-ACTL6B antibody

ACTL6B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327785	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ACTL6B; Polyclonal Antibody; ACTL6B Antibody; 53 kDa BRG1 associated factor B; 53 kDa BRG1-associated factor B; ACL 6B; ACL6B; ACL6B_HUMAN; Actin like 6; Actin like protein 6B; Actin like protein6B; Actin related protein; Actin related protein Baf53b; actin-like 6B; Actin-like protein 6B; Actin-related protein Baf53b; Actl 6; ACTL 6B; Actl6; ACTL6 B; Actl6b; Arp Na; ArpN a; ArpN alpha; ArpNa; ArpNalpha; Baf 53b; BAF53B; BRG1-associated factor 53B; anti-ACTL6B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	ACTL6B Antibody detects endogenous levels of total ACTL6B.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ACTL6B antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACTL6B,corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327785 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA327785) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of ACTL6B using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-ACTL6B antibody

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner. Belongs to the neuron-specific chromatin remodeling complex (nBAF complex), as such plays a role in remodeling mononucleosomes in an ATP-dependent fashion, and is required for postmitotic neural development and dendritic outgrowth. During neural development a switch from a stem/progenitor to a postmitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705294
NCBI GeneID	51412
NCBI Accession #	NP_057272.1
NCBI GenBank Nucleotide #	NM_016188.4
UniProt Accession #	O94805; O75421; A4D2D0
Molecular Weight	47 kDa
NCBI Official Full Name	actin-like protein 6B
NCBI Official Synonym Full Names	actin like 6B
NCBI Official Symbol	ACTL6B
NCBI Official Synonym Symbols	ACTL6; BAF53B; arpNalpha
NCBI Protein Information	actin-like protein 6B
UniProt Protein Name	Actin-like protein 6B
UniProt Gene Name	ACTL6B
UniProt Synonym Gene Names	ACTL6; BAF53B; BAF53B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/actl6b-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/327785>