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ACTL6B Polyclonal Antibody

Cat #: G-AB-06672

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
The protein encoded by this gene is a member of a family of actin-related proteins (ARPs) which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This gene encodes a subunit of the BAF (BRG1/brm-associated factor) complex in mammals, which is functionally related to SWI/SNF complex in S. cerevisiae and Drosophila; the latter is thought to facilitate transcriptional activation of specific genes by antagonizing chromatin-mediated transcriptional repression. This subunit may be involved in the regulation of genes by structural modulation of their chromatin, specifically in the brain. Alternative splicing results in multiple transcript variants.

Gene ID:

Accession #: BC020944

Immunogen: Fusion protein of human ACTL6B

Conjugation: Unconjugated

Swissprot: O94805

Calculated Molecular Weight: 47 kDa

Observed Molecular Weight: Refer to figures

Concentration: 0.96 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:1000-1:5000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.