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# **Recombinant BAF53B Monoclonal Antibody**

catalog number: AN302040L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human; Rat; Mouse

**Immunogen** Peptide. This information is proprietary to PTMab.

HostRabbitIsotypeIgG, κCloneA760

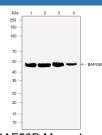
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

## Applications Recommended Dilution

**WB** 1:5000

#### Data



Western Blot with BAF53B Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa, Lane 2: K562, Lane 3: Neuro-2a,

Lane 4: PC-12

Observed-MW:47 kDa Calculated-MW:47 kDa

## Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

BAF53/ACTL6 proteins are highly homologous, actin-related proteins found in the SWI/SNF complex. In addition to the canonical SWI/SNF complex, BAF53A/ACTL6A is also member of the embryonic SWI/SNF complex, known as esBAF, which plays a role in pluripotency and development. BAF53B/ACTL6B is a member of the neural-specific SWI/SNF complex that facilitates binding to target genes and is involved in memory and synaptic plasticity. BAF53/ACTL6 has been shown to interact with c-Myc, where it functions as a cofactor and is important in the transformation process. Further studies have shown ACTL6/BAF53 is associated with EMT and transformation in various cancers.