

Recombinant BAF53B Monoclonal Antibody

catalog number: AN302040L

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

Description

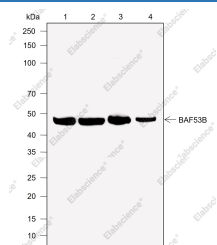
Reactivity	Human;Mouse;Rat
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131661
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:5000
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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	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.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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