

Recombinant

BRG1 (BP6201) Rabbit mAb

db30165

Package : 100μL

Product Name : BRG1 (BP6201) Rabbit mAb**Cat.No.:** db30165**Synonyms :** BRG1; CSS4; SNF2; SWI2; MRD16; RTPS2; BAF190; SNF2L4; SNF2LB; hSNF2b; BAF190A**Application :** IHC**Reactivity :** Human**Host species :** Rabbit**Background**

Transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. Component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. In resting neurons, transcription of the c-FOS promoter is inhibited by BRG1-dependent recruitment of a phospho-RB1-HDAC repressor complex. Upon calcium influx, RB1 is dephosphorylated by calcineurin, which leads to release of the repressor complex.

Immunogen

Full length protein corresponding to Human BRG1

Swiss Prot

P51532

Synonyms

BRG1; CSS4; SNF2; SWI2; MRD16; RTPS2; BAF190; SNF2L4; SNF2LB; hSNF2b; BAF190A

Reactivity

Human

Application

IHC

Recommended dilution

IHC: 1:100-1:200

Calculated MW

185 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

BP6201

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.

- Immunohistochemistry of paraffin-embedded human kidney using BRG1 antibody at dilution of 1:200 (200x lens).