

BRG1 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50224

Clone# BP6201

Predicted Molecular Wt: 185kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: P51532

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.

Subcellular location:

Nucleus

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Full length protein corresponding to Human BRG1.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-25°C to -18°C

Storage instructions:

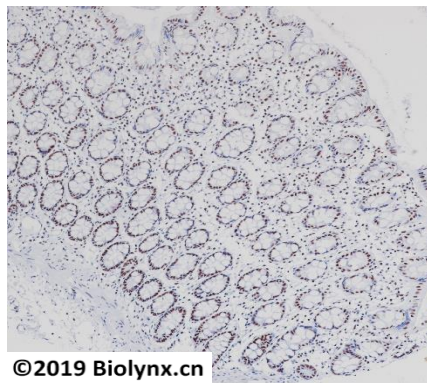
Shipped on blue ice. Upon delivery, aliquot, and store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Euskirchen G., Auerbach R.K., Snyder M.J. Biol. Chem. 287:30897-30905(2012)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human Colon tissue labelling BRG1 with BP6201. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0



Product QC'd by:

For research use only. Not for use in diagnostic or therapeutic applications.