

BRG1 Recombinant Polyclonal Antibody (16 HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	16 HCLC
Conjugate	Unconjugated
Immunogen	Protein corresponding to human Brg1 (aa1429-aa1641)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2716897

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	5 µg/mL	-
ChIP assay (ChIP)	2.5 µg/1x10 ⁶ cells	-

Product Specific Information

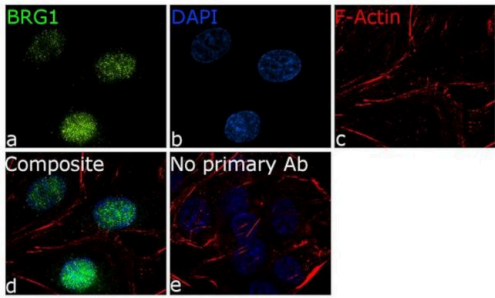
This antibody is predicted to react with Monkey, Horse, Cat, Dog

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For BRG1 Recombinant Polyclonal Antibody (16 HCLC)

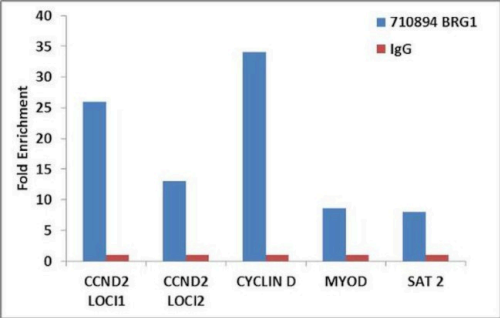
BRG1 Antibody (710894) in ICC/IF

For immunofluorescence analysis, MDA-MB-231 cells were fixed and permeabilized for detection of endogenous BRG1 using Anti- BRG1 Recombinant Rabbit Polyclonal Antibody (Product # 710894, 5 µg/mL) and labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000). Panel a) shows representative cells that were stained for detection and localization of BRG1 protein (green), Panel b) is stained for nuclei (blue) using SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). Panel c) represents cytoskeletal F-actin staining using Rhodamine Phalloidin (Product # R415, 1: 300). Panel d) is a composite image of Panels a, b and c clearly demonstrating nuclear localization of BRG1. Panel e) represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



BRG1 Antibody (710894) in ChIP

Enrichment of endogenous BRG1 protein at specific gene loci using Anti-BRG1 Recombinant Rabbit Polyclonal Antibody: Chromatin Immunoprecipitation (ChIP) was performed using Anti-BRG1 Recombinant Rabbit Polyclonal Antibody (Product # 710894, 5 µg) on sheared chromatin from 2 million MDA-MB-231 cells using the MAGnify ChIP system kit (Product # 49-2024). Normal Rabbit IgG (1 µg) was used as a negative IP control. The purified DNA was analyzed by 7500 Fast qPCR system (Product # 4351106) with optimized PCR primer pairs for the promoters of the CCND2, CYCLIN D used as positive control target genes, and the promoter region of the MYOD, SAT2 satellite repeat used as negative control target gene. Data is presented as fold enrichment of the antibody signal versus the negative control IgG using the comparative CT method.



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.