BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-PIK3R3 Antibody (C-term)

Catalog Number: A06707-1

About PIK3R3

PIK3R3 binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1. It is a component of a heterodimer of p110 (catalytic) and p55 (regulatory) subunits. The protein is expressed at highest levels in brain and testis. Lower levels are detected in adipose tissue, kidney, heart, lung and skeletal muscle. The protein contains 2 SH2 domains.

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Overview

Product Name	Anti-PIK3R3 Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-PIK3R3 Antibody (C-term) (Catalog # A06707-1). Tested in IF, WB, IHC-P application(s). This antibody reacts with Human.
Application	IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q92569

Technical Details

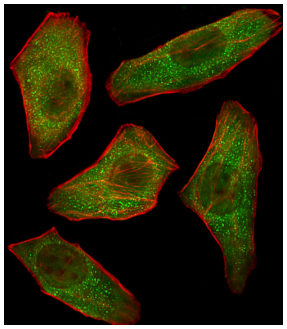
Immunogen	This PIK3R3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 316-346 amino acids from the C-terminal region of human PIK3R3.
Predicted Reactive Species	Mouse, Rat
Isotype	Rabbit IgG

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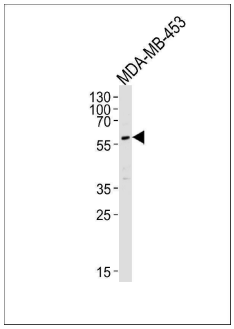
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Suggested Dilutions	IF: 1:100 WB: 1:1000 IHC-P: 1:10-1:50

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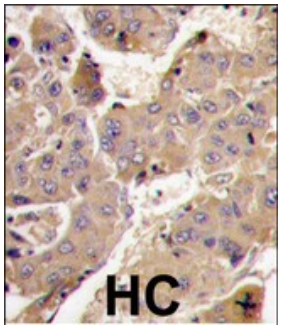
Anti-PIK3R3 Antibody (C-term) (A06707-1) Images



Fluorescent image of U251 cells stained with PIK3R3 Antibody (C-term). PIK3R3 Antibody (C-term) was diluted at 1:100 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western blot analysis of lysate from MDA-MB-453 cell line, using PI3KR3 Antibody (G331) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PIK3R3 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Anti-PIK3R3 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.