

## Anti-PI 3 Kinase p85 alpha PIK3R1 Rabbit Monoclonal Antibody

Catalog Number: M00318

### About PIK3R1

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

### Overview

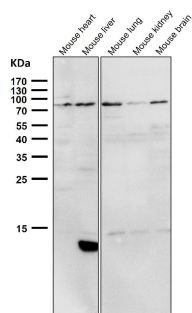
Product Name	Anti-PI 3 Kinase p85 alpha PIK3R1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PI 3 Kinase p85 alpha PIK3R1 Rabbit Monoclonal Antibody catalog # M00318. Tested in WB application. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal CGB-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P27986

### Technical Details

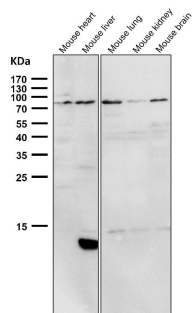
Immunogen	A synthesized peptide derived from human PI 3 Kinase p85 alpha
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

WB 1:500-1:2000

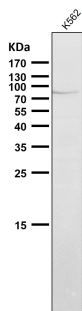
## Anti-PI 3 Kinase p85 alpha PIK3R1 Rabbit Monoclonal Antibody (M00318) Images



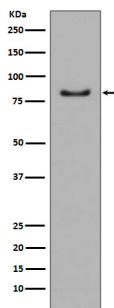
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:4K dilution for 1 hour at room temperature.

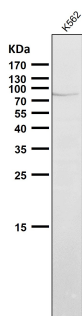


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of PI 3 Kinase p85 alpha expression in A431 cell lysate.

All lanes use the Antibody at 1:4K dilution for 1 hour at room temperature.



## 2 Publications Citing This Product

1. PubMed ID: 10.1016/j.brainres.2021.147508, The calcimimetic R-568 attenuates subarachnoid hemorrhage-induced vasospasm through PI3K/Akt/eNOS signaling pathway in the rat model
2. PubMed ID: 33930376, Güleç Z, Engelen A, Karagöz-Güzey F, Önay-Uçar E, Eren B, Vahabova G, Karacan M, Bilgen Özcan T. The calcimimetic R-568 attenuates subarachnoid hemorrhage-induced vasospasm through PI3K/Akt/eNOS signaling pathway in the rat model. Brain Res. 2021 Apr 27;147508. doi:10.1016/j.brainres.2021.147508. Epub ahead of print. PMID:33930376.

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