

Anti-AKT (PH domain) AKT1 Rabbit Monoclonal Antibody, Clone#RM316

Catalog Number: M00024-4

Overview

Product Name	Anti-AKT (PH domain) AKT1 Rabbit Monoclonal Antibody, Clone#RM316
Reactive Species	Human
Description	Boster Bio Anti-AKT (PH domain) AKT1 Rabbit Monoclonal Antibody, Clone#RM316 (Catalog # M00024-4). Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal RM316
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31749

Technical Details

Immunogen	A peptide corresponding to the PH domain of human AKT
Cross Reactivity	This antibody reacts to human AKT (PH domain). It may also react to mouse or rat AKT, as predicted by immunogen homology.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
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: Immunohistochemistry (IHC): 1:200-1:500 dilution WB: 1:5000-1:10000 dilution.

Anti-AKT (PH domain) AKT1 Rabbit Monoclonal Antibody, Clone#RM316 (M00024-4) Images

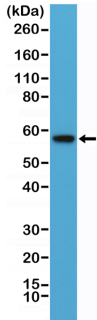


Figure 1. Western Blotting result
Western Blot of 293 cells lysate using anti-AKT (PH domain) rabbit monoclonal antibody (Clone RM316) at a 1:10000 dilution.

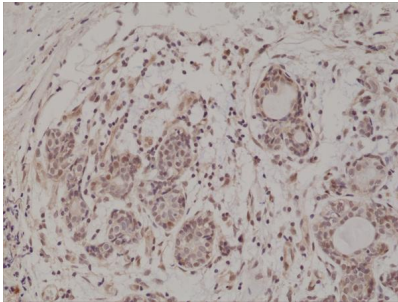


Figure 2. IHC result
Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue section using anti-AKT (PH domain) rabbit monoclonal antibody (Clone RM316) at a 1:500 dilution.

2 Publications Citing This Product

1. PubMed ID: 33382670, Chen H, Sheng H, Zhao Y, Zhu G. Piperine Inhibits Cell Proliferation and Induces Apoptosis of Human Gastric Cancer Cells by Downregulating Phosphatidylinositol 3-Kinase (PI3K)/Akt Pathway. Med Sci Monit. 2020 Dec 31;26:e928403. doi:10.12659/MSM.928403. PMID:33382

2. PubMed ID: 18694621, A small interfering RNA targeting osteopontin as gastric cancer therapeutics

Visit [bosterbio.com/anti-akt-ph-domain-rabbit-monoclonal-antibody-clone-rm316-m00024-4-boster.html](https://www.bosterbio.com/anti-akt-ph-domain-rabbit-monoclonal-antibody-clone-rm316-m00024-4-boster.html) to see all 2 publications.

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