



New Antibody: Trio pY2681

coming soon!!

Providing a possible prognostic marker of Colorectal Cancer

TRIO is the large protein that functions as a RAC/RHO GEF (GTP exchange factor), and promotes reorganization of actin cytoskeleton, thereby playing a key role in cell migration and growth. It is one of the target protein of ABL, and phosphorylation at its Tyr residue 2681 (pY2681) causes RHO activation in colorectal cancer cells. TRIO pY2681 correlates with significantly poorer prognosis with colorectal cancer patients after surgery.

Cat# KO626	Anti Human phosphorylated TRIO (Trio(Y2681)) Monoclonal Ab
Gene ID	7204
Primary Source	HGNC:12303
Type	Monoclonal Antibody
Immunogen	Partial peptide of Human TRIO including pY2681
Raised in	Chicken
Clone number	#29-66
Isotype	IgY, λ
Source	Serum-free medium
Purification notes	Hydrophobic Interaction Chromatography and Affinity Purified
Application	IHC 20-50 ng/ml
Concentration	5 μ g/ml
Contents (Volume)	250 μ l
Label	Unlabeled
Buffer	PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage	Store at -20°C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

References

Sonoshita M., et al Promotion of Colorectal Cancer Invasion and Metastasis through Activation of NOTCH–DAB1–ABL–RHOGEF Protein TRIO. *Cancer Discovery* 2014 5: 198-211.

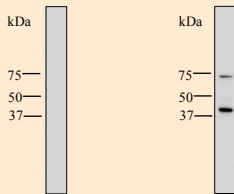
Sonoshita M., et al Suppression of Colon Cancer Metastasis by Aes through Inhibition of Notch Signaling. *Cancer Cell* 2011 19: 125-137.



Featured Products: Isotype Controls

Product Name: mouse IgG 1 isotype control antibody

#KZ622 (control Ab) #KG621 (Human ADORA3 mAb)



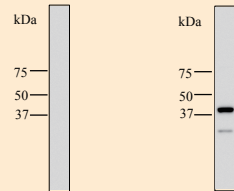
- ◆ Cat# KZ622 ◆ Clone No.G1KD6 ◆ Size: 100 ug/Lyophilized
- ◆ Application: WB 0.1 - 1.0 ug/mL IHC 0.1 - 10.0 ug/mL

Western Blotting

Sample: monkey hippocampus tissue lysate
1st Ab conc.: 1 ug/mL / 2nd Ab: HRP-anti mouse IgG

Product Name: mouse IgG2a isotype control antibody

#KZ623 (control Ab) #KO602 (DYKDDDDK mAb)



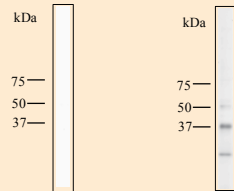
- ◆ Cat# KZ623 ◆ Clone No.2aK26 ◆ Size: 100 ug/Lyophilized
- ◆ Application: WB 0.1 - 1.0 ug/mL IHC 0.1 - 10.0 ug/mL

Western Blotting

Sample: DYKDDDDK-tagged protein expressing cell lysate
1st Ab conc.: 0.5 ug/mL / 2nd Ab: HRP-anti mouse IgG

Product Name: mouse IgG2b isotype control antibody

#KZ624 (control Ab) #KC598 (Human AKR7A3 mAb)



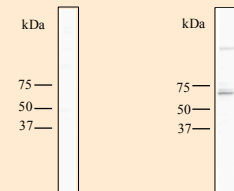
- ◆ Cat# KZ624 ◆ Clone No.2bK11 ◆ Size: 100 ug/Lyophilized
- ◆ Application: WB 0.1 - 10.0 ug/mL IHC 0.1 - 10.0 ug/mL

Western Blotting

Sample: human kidney tissue lysate
1st Ab conc.: 10 ug/mL / 2nd Ab: HRP-anti mouse IgG

Product Name: mouse IgM isotype control antibody

#KZ625 (control Ab) #KO579 (rat PAG mAb)



- ◆ Cat# KZ625 ◆ Clone No.MK02 ◆ Size: 100 ug/Lyophilized
- ◆ Application: WB 0.1 - 10.0 ug/mL IHC 0.1 - 10.0 ug/mL

Western Blotting

Sample: rat brain tissue lysate
1st Ab conc.: 10 ug/mL / 2nd Ab: HRP-anti mouse IgM

【 Distributor 】

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【 Manufacturer 】

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