

Product Datasheet

Phospho-CRTC1 (Ser151) Rabbit Polyclonal Antibody (orb5568)

Catalog Number	orb5568
Category	Antibodies
Description	Phospho-CRTC1 (Ser151) Rabbit Polyclonal Antibody
Target	CRTC1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine, Canine, Equine, Gallus, Mouse, Porcine, Rabbit, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human Torc1 around the phosphorylation site of Ser151 TN(p-S)DS
UniProt ID	Q6UUV9
RRID	AB_10929136

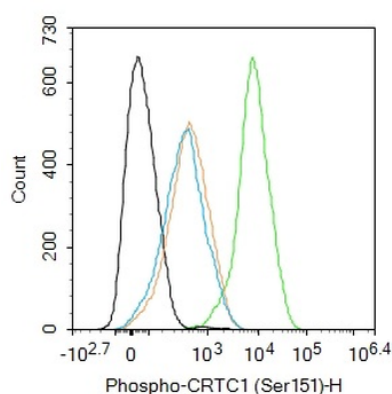
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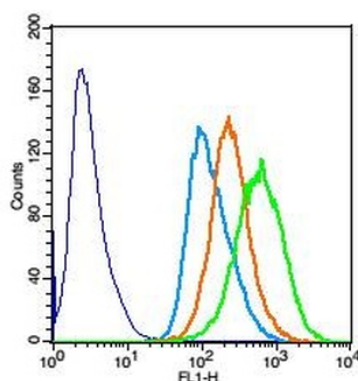
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MW	70 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg /Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (black line): K562. Primary Antibody (green line): Rabbit Anti-Phospho-CRTC1 (Ser151) antibody (orb5568), dilution: 1 ug/Test, Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488, dilution: 0.5 ug/Test. Isotype control (orange line): Normal Rabbit IgG, Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



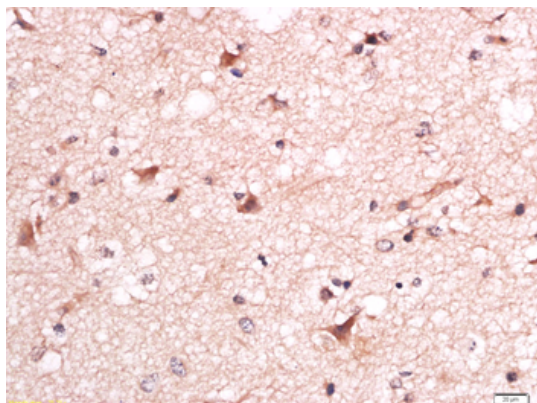
Positive control: Hela cells, Concentration: 5 µg/10⁶ cells, Incubation conditions: Avoid light, 30 minutes on the ice.

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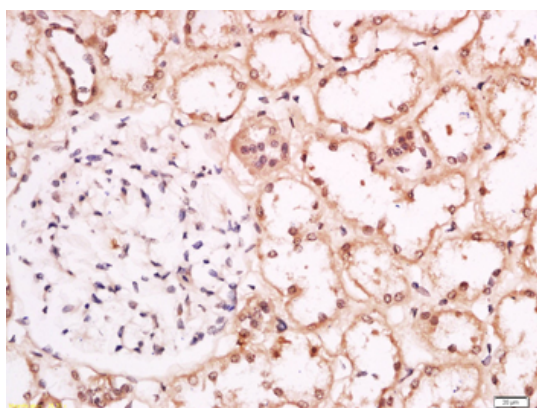
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Tissue/Cell: human brain glioma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Phospho-Torc1 (Ser151) Polyclonal Antibody, Unconjugated (orb5568) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: human kidney tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Phospho-Torc1 (Ser151) Polyclonal Antibody, Unconjugated (orb5568) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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