

Product Datasheet

Phospho-HDAC3 (Ser424) Rabbit Polyclonal Antibody (orb5754)

Catalog Number	orb5754
Category	Antibodies
Description	Phospho-HDAC3 (Ser424) Rabbit Polyclonal Antibody
Target	HDAC3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, 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 HDAC3 around the phosphorylation site of Ser424 KE(p-S)DV
UniProt ID	O15379

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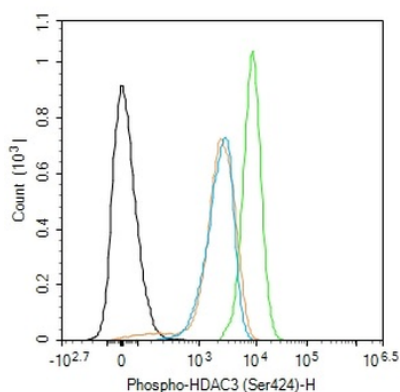
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RRID	AB_10933408
MW	50 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 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): Molt4. Primary Antibody (green line): Rabbit Anti-Phospho-HDAC3 (Ser424) antibody (orb5754), 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.

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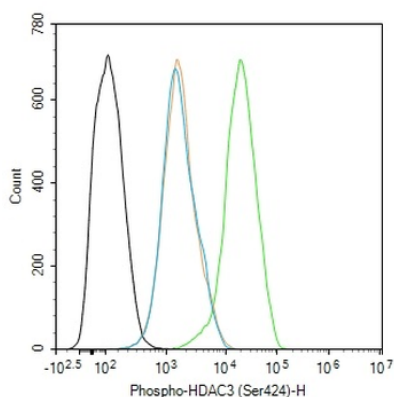
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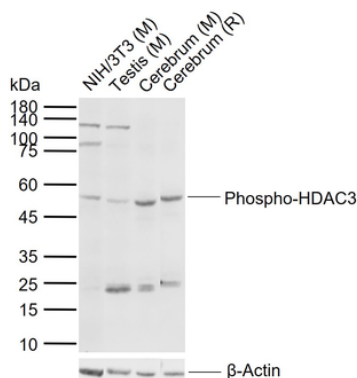
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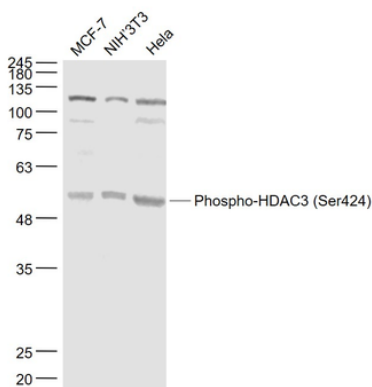
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Blank control (black line): NIH/3T3. Primary Antibody (green line): Rabbit Anti-Phospho-HDAC3 (Ser424) antibody (orb5754), dilution: 1 ug/Test, Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF488, dilution: 0.5 ug/Test. Isotype control (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.



Sample: Lane 1: Mouse NIH/3T3 cell lysates, Lane 2: Mouse Testis tissue lysates, Lane 3: Mouse Cerebrum tissue lysates, Lane 4: Rat Cerebrum tissue lysates, Primary: Anti-Phospho-HDAC3 (Ser424) (orb5754) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 47 kDa, Observed band size: 50 kDa.



Sample: MCF-7 (Human) Cell Lysate at 30 ug, NIH/3T3 (Mouse) Cell Lysate at 30 ug, HeLa (Human) Cell Lysate at 30 ug, Primary: Anti-Phospho-HDAC3 (Ser424) (orb5754) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 50 kD, Observed band size: 50 kD.

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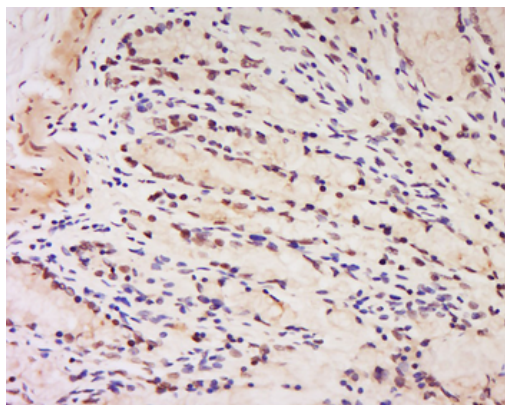
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Tissue/Cell: Rat rectum tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Phospho-HDAC3, Unconjugated (orb5754) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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