

Product Datasheet

Sirt1 Antibody (C-term) (orb306144)

Catalog Number	orb306144
Category	Antibodies
Description	Rabbit polyclonal antibody to Sirt1
Target	Sirt1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This Sirt1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 566-601 amino acids from the C-terminal region of human Sirt1.
UniProt ID	Q96EB6
MW	80372
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:25, WB - 1:2000, IHC-P - 1:25

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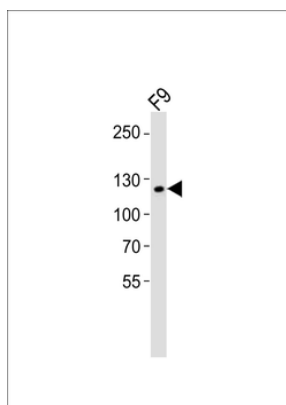
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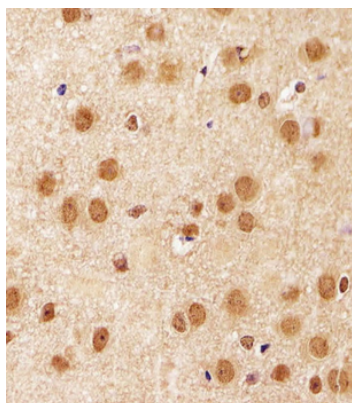
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot analysis of lysate from mouse F9 cell line, using Mouse Sirt1 Antibody (C-term). Diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 ug.



Immunohistochemical analysis of paraffin-embedded M. brain section using Mouse Sirt1 Antibody (C-term). Diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

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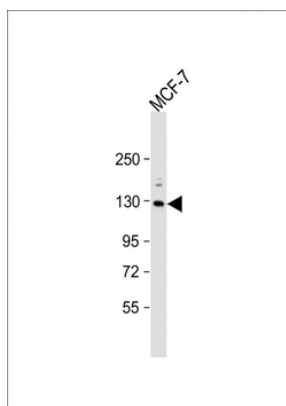
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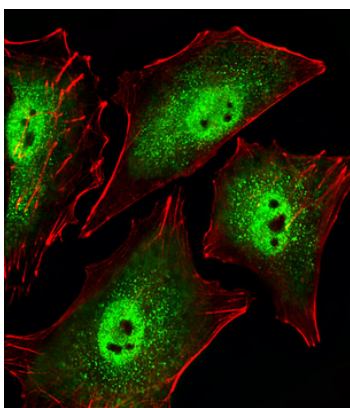
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Anti-Sirt1 Antibody (C-term) at 1:2000 dilution + MCF-7 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 80 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Fluorescent image of A549 cells stained with Mouse Sirt1 Antibody (C-term). Diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

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