

Product Datasheet

SIRT6 Antibody [Alexa Fluor® 647] NB100-2522AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-2522AF647

SIRT6 Antibody [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	51548
Gene Symbol	SIRT6
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 25288139) Immunogen sequence has 78% homology to human. Human reactivity reported in scientific literature (PMID: 25660418)
Immunogen	A synthetic peptide made to a C-terminal region of the mouse SIRT6 protein (within residues 250-334). [Swiss-Prot P59941]
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Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



Application Notes

This SIRT6 antibody is useful for Western blot and Immunohistochemistry paraffin embedded sections. In Western blot a band is seen at ~37 kDa representing SIRT6, and a non-specific higher MW band can be seen at ~61 kDa. This antibody does not appear to detect the human protein in Western blot. In IHC-P, staining was observed in the nucleus of mouse testis. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 23899523) The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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