

SIRT3 Antibody

Catalog No: #31123

Package Size: #31123-1 50ul #31123-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	SIRT3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total SIRT3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 126-382 amino acids of human sirtuin 3
Target Name	SIRT3
Other Names	Sirtuin 3, SIR2L3
Accession No.	Swiss-Prot:Q9NTG7Gene ID:23410;
Uniprot	Q9NTG7
GeneID	23410;
Calculated MW	29kD;44kDa(Calculated)
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

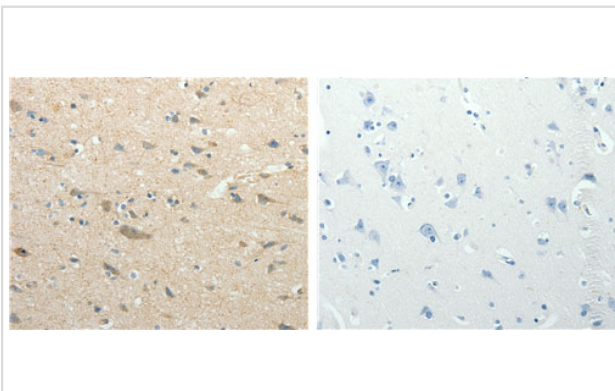
Application Details

ELISA: 1:2000-1:5000

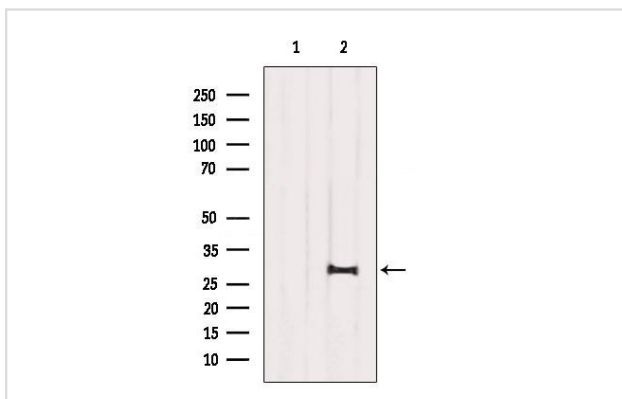
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:15-1:50

Images



The image on the left is immunohistochemistry of paraffin-embedded human brain tissue using 31123 (SIRT3 Antibody) at dilution 1/30, on the right is treated with the fusion protein.



Western blot analysis of extracts from Mouse brain, using SIRT3 Antibody. The lane on the left was treated with blocking peptide.

Background

This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.

Note: This product is for in vitro research use only