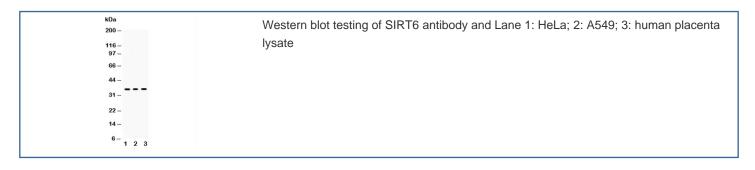


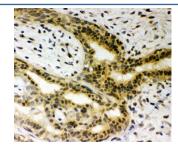
# SIRT6 Antibody (R31770)

Catalog No.	Formulation	Size
R31770	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

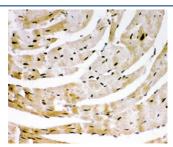
## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	51548
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This SIRT6 antibody is available for research use only.





IHC-P: SIRT6 antibody testing of human breast cancer tissue



#### **Description**

Sirtuin 6, also known as SIR2L6, is 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. SIRT6 is included in class IV of the sirtuin family. Alternative splicing results in multiple transcript variants.

#### **Application Notes**

The stated application concentrations are suggested starting points. Titration of the SIRT6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

Human partial recombinant protein (AA 14-180) was used as the immunogen for this SIRT6 antibody.

### **Storage**

After reconstitution, the SIRT6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.