

## SirT6 Rabbit Polyclonal Antibody

### Catalog #: EAB13982

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	39	Human, Mouse

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**WB**(Western Blotting) 1:500-2000

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	SirT6 Rabbit Polyclonal Antibody detects endogenous levels of SirT6 protein.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
<b>UniProt ID</b>	<a href="#">Q8N6T7</a>
<b>Entrez-Gene ID</b>	<a href="#">50721</a>

### Product Description

SIRT6 (also designated Sirtuin 6, SIR2L6) is a 355 amino acid protein that contains one deacetylase sirtuin-type domain and belongs to the sirtuin family. Localized to the nucleus, SIRT6 functions as an NAD<sup>+</sup>-dependent Histone H3 lysine 9 (H3K9) deacetylase that modulates telomeric chromatin and is involved in DNA repair and telomeric longevity. SIRT6 binds zinc as a cofactor and is expressed as four isoforms that are produced as a result of alternative splicing events.

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