

Anti-SIRT3 antibody (299-399) (STJ28285)

STJ28285

GENERAL INFORMATION

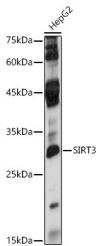
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|--------------------------|-----------------------|
| Product Type | Primary antibodies |
| Short Description | |
| Applications | WB/IHC-P/IF/ICC/ELISA |
| Host/Source | Rabbit |
| Reactivity | Human/Mouse/Rat |

PRODUCT PROPERTIES

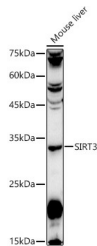
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|-----------------------|--|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:500-1:1000 IHC-P:1:20-1:50 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Storage | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |
| Instruction | |

TARGET INFORMATION

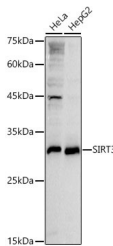
| | |
|---------------------------|--|
| Gene ID | 23410 |
| Gene Symbol | SIRT3 |
| Uniprot ID | SIR3_HUMAN |
| Immunogen | |
| Immunogen Region | 299-399 |
| Specificity | A synthetic peptide corresponding to a sequence within amino acids 299-399 of human SIRT3 (NP_036371.1). |
| Immunogen Sequence | PQRFLLHVDFPMDLLIL GTSLEVPFASL TEAVRSSV PRLINRDLVGPLAWHPRSR DVAQLGDV/VHGVESLVELLG WTEEMRDLVQRETGKLDGPD K |



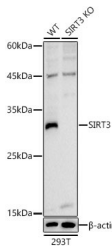
Western blot analysis of extracts of HepG2 cells, using SIRT3 antibody (STJ28285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of mouse liver, using SIRT3 antibody (STJ28285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using SIRT3 antibody (STJ28285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts from wild type (WT) and SIRT3 knockout (KO) 293T cells, using SIRT3 antibody (STJ28285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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