



**A94913Hu02**  
**Polyclonal Antibody to Sirtuin 3 (SIRT3)**  
**Instruction manual**

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

**[ PRODUCT INFORMATION ]**

**Immunogen:** SIRT3

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Human

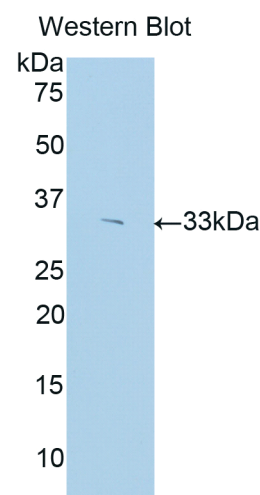
**Ig type:** Rabbit IgG

**Purification:** Antibodies are purified by target protein affinity chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F

**Form:** Liquid

**Size:** 100µg



Sample: Recombinant human SIRT3

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant human SIRT3 (Gln126~Lys399) expressed in *E.coli*.

**Molecular Weight:** 32.0 kDa

**USCN accession No.:** P94913Hu02

**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-QDVAE LIRARACQRV VVMVGAGIST PSGIPDFRSP GSGLYSNLQQ YDLPYPEAIF ELPFFFHNPK  
PFFTLAKELY PGNYKPNVTH YFLRLLHDKG LLLRLYTQNI DGLERVSGIP ASKLVEAHGT FASATCTVCQ RPPFGEDIRA  
DVMADRVP RC PVCTGVVKPD IVFFGEPLPQ RFLLVVDFP MADLLLILGT SLEVEPFASL TEAVRSSVPR LLINRDLVGP  
LAWHPRSRDV AQLGDVVHGV ESLVELLGWT EEMRDLVQRE TGKLDGPKD



## **[ ANTIBODY SPECIFICITY ]**

Anti SIRT3 is a rabbit polyclonal antibody raised against human SIRT3. This antibody has been selected for its ability to recognize human SIRT3 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH 7.4, containing 0.02%Na<sub>3</sub>N, 50% glycerol.

## **[ STORAGE ]**

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

