

PAE916Hu01

Polyclonal Antibody to Sirtuin 6 (SIRT6)**Organism Species: Homo sapiens (Human)*****Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]**Immunogen:** SIRT6, Human**Clonality:** Polyclonal**Host:** Rabbit**Immunoglobulin Type:** IgG**Purification:** Affinity Chromatography.**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Concentration:** 200µg/mL**UOM:** 100µg**[IMMUNOGEN INFORMATION]****Immunogen:** Recombinant SIRT6 (Met1~Ser355) expressed in *E.coli*.**Accession No.:** RPE916Hu01**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-
MSVNYAAGLS PYADKGGKGL PEIFDPPEEL ERKVWELARL VWQSSSVVFH TGAGISTASG
IPDFRGPBGV WTMEERGLAP KFDITTFESAR PTQTHMALVQ LERVGLLRFL VSQNV DGLHV
RSGFPRDKLA ELHGNMFVEE CAKCKTQYVR DTVVGTMLGK ATGRLCTVAK
ARGLRACRGE LRDTILDWED SLPDRDLALA DEASRNADLS ITLGTSLQIR PSGNLPLATK
RRGGRLVIVN LQPTKHDRHA DLRIHGYVDE VMTRLMKHLG LEIPAWDGPR VLERALPPLP
RPPTPKLEPK EESPTRINGS IPAGPKQEPK AQHNGSEPAS PKRERPTSPA PHRPPKRVKA
KAVPS

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against SIRT6. It has been selected for its ability to recognize SIRT6 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

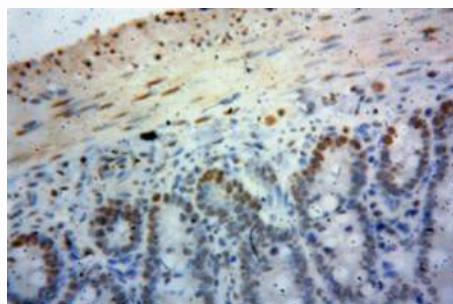
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

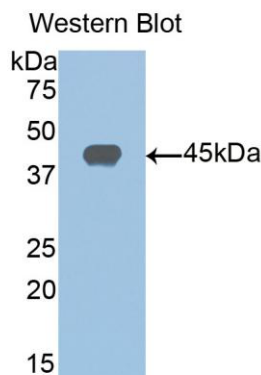
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on formalin fixed
paraffin- embedded Bowels tissue



Used in Western Blot ,Sample:
Recombinant SIRT6,Human

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant SIRT6 (Met1~Ser355) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[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.