

**pA97097Hu01**  
**Polyclonal Antibody to Sulfite Oxidase (SUOX)**  
**Organism: Homo sapiens (Human)**  
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

## **[ PRODUCT INFORMATION ]**

**Immunogen:** SUOX, 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 SUOX (Glu80~Pro545) expressed in *E.coli*.

**USCN Accession No.:** rP97097Hu01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHSSG LVPRGSGMKE TAAKFERQH MDSPDLGTDD DDKAMADIGS EF- E  
STHIYTKKEEV SSHTSPETGI WVTLGSEVFD VTEFVDLHPG GPSKMLAAG GPLEPFWALY  
AVHNQSHVRE LLAQYKIGEL NPEDKVAPTV ETSDPYADDP VRHPALKVNS QRPFNAEPPP  
ELLTENYITP NPIFFTRNHL PVPNLDPDTY RLHVVGAPGG QSLSLSLDDL HNFPRYEITV  
TLQCAGNRRS EMTQVKEVKG LEWRTGAIST ARWAGARLCD VLAQAGHQLC  
ETEAHVCFEG LDSDPTGTAY GASIPLARAM DPEAEVLLAY EMNGQPLPRD HGFPVRVVVP  
GVVGARHVKW LGRVSVQPEE SYSHWQRRDY KGFSPSVDWE TVDFDSAPSI  
QELPVQSAIT EPRDGETVES GEVTIKGYAW SGGGRAVIRV DVSLDGGLTW QVAKLDGEEQ  
RPRKAWAWRL WQLKAPVPAG QKELNIVCKA VDDGYNVQPD TVAPIWNLRG  
VLSNAWHRVH VYVSP

## **[ ANTIBODY SPECIFICITY ]**

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

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## [ APPLICATIONS ]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

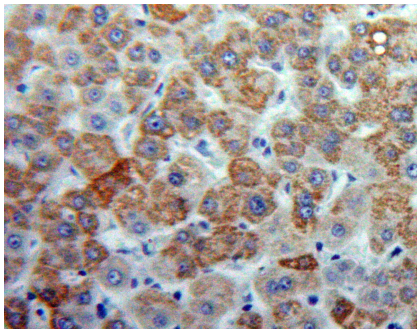
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

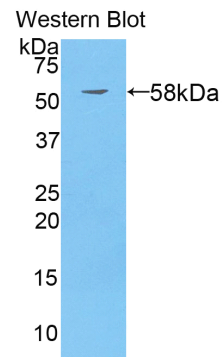
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ IMAGES ]



**Used in DAB staining on formalin fixed  
paraffin- embedded Liver tissue**



**Used in Western Blot ,Sample:  
Recombinant SUOX,Human**

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.




## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant SUOX (Glu80~Pro545) 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%, NaN<sub>3</sub> 0.02%.

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## [ 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.