

A95754Hu01
Antibody to Peroxiredoxin 4 (PRDX4)
Instruction manual

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

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: PRDX4

Clonality: Polyclonal

Host: Rabbit

Organism: Human

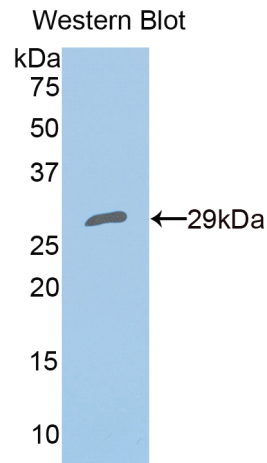
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant Human PRDX4




[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human PRDX4 (Leu6~Trp249) expressed in *E.coli*.

USCN Accession No.: P95754Hu01

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

MGHHHHHSGS- LLAAT TPDHGRHRRL LLLPLLLFLL PAGAVQGWET EERPRTRREE
CHFVAGGQVY PGEASRVSA DHSLHLSKAK ISKPAPYWEG TAVIDGEFKE LKLTDIRGKY
LVFFFYPLDF TFVCPTEIIA FGDRLEEFRS INTEVVACSV DSQFTHLAWI NTPRRQGGLG
PIRIPLLSDL THQISKDYGV YLEDSGHTLR GLFIIDDKGI LRQITLNDLP VGRSVDETLR
LVQAFQYTDK HGEVCPAGW

Unique product Superb quality Client favorite Nicest service  ISO9001:2008 ;  ISO13485:2003 ; 

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[ANTIBODY SPECIFICITY]

Anti PRDX4 is a rabbit polyclonal antibody raised against human PRDX4. This antibody has been selected for its ability to recognize human PRDX4 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, pH7.4, containing 0.02% Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant human PRDX4(Leu6~Trp249) 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%, Na₃N 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.