

PAF554Hu02

Polyclonal Antibody to Lysyl Oxidase Like Protein 4 (LOXL4)

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: LOXL4, Human

Clonality: Polyclonal

Host: Rabbit

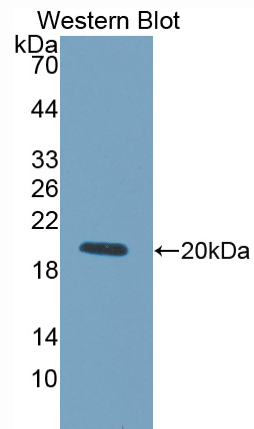
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant LOXL4, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant LOXL4 (Gly399~Pro552) expressed in *E.coli*.

Accession No.: RPF554Hu02

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

MGHHHHHSGSEF-GC QHENDAAVRC NVPNMGFQNNQ VRLAGGRIP E E L L E V Q V E V
N G V P R W G S V C S E N W G L T E A M V A C R Q L G L G F A I H A Y K E T W F W S G T P R A Q E V
V M S G V R C S G T E L A L Q Q C Q R H G P V H C S H G G G R F L A G V S C M D S A P D L V M N A Q
L V Q E T A Y L E D R P

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against LOXL4. It has been selected for its ability to recognize LOXL4 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.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant LOXL4 (Gly399~Pro552) 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_3 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.