

PAB958Mu01

Polyclonal Antibody to Interferon Regulatory Factor 6 (IRF6)

Organism Species: *Mus musculus* (Mouse)

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: IRF6, Mouse

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 IRF6 (Leu150~Thr445) expressed in *E.coli*.

Accession No.: RPB958Mu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSSLVPRGSH MASMTGGQQM GRGSEF- L EQSQHHVPIQ DTFPFLNING
SPMAPASVGN CSVGNCSPES VWPKTEPLEM EVPQAPIQPF YSPELWISS LPMTDLDIKF
QYRGKEYGQT MTVSNPQGCR LFYGD LGPMP DQEELFGPVS LEQVKFPGPE
HITNEKQKLF TSKLLDVMDR GLILEVSGHA IYAIRLCQCK VYWSGPCAPS LAAPNLIERQ
KKVKLFLET FLSELIAHQK GQIEKQPPE IYLCFGEERP DGKPLERKLI LVQVIPVVAR
MIYEMFSGDF TRSFDSGSVR LQISTPDIKD NIVAQLKQLY RILQT

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against IRF6. It has been selected for its ability to recognize IRF6 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

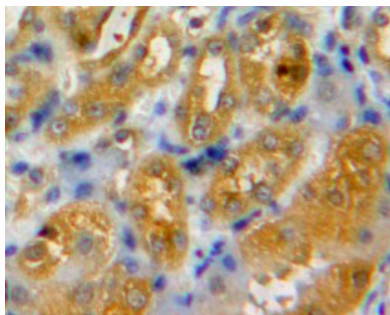
Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

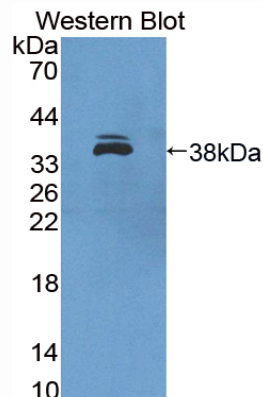
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



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



Used in Western Blot, Sample:
Recombinant IRF6, Mouse

[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 IRF6 (Leu150~Thr445) 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.