

PAD466Mu01

Polyclonal Antibody to Hypoxia Inducible Factor 2 Alpha (HIF2a)

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: HIF2a, Mouse

Clonality: Polyclonal

Host: Rabbit

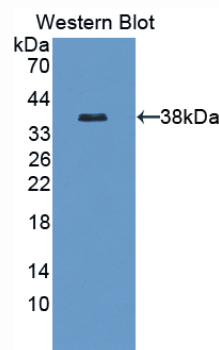
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant HIF2a, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant HIF2a (Asp21~Cys336) expressed in *E.coli*.

Accession No.: RPD466Mu01

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

MGHHHHHHSGSEF- DAARCRRSKE TEV FYELAHE LPLPHSVSSH LDKASIMRLA
ISFLRTHKLL SSVCSENESE AEADQQMDNL YLKALEGFIA VVTQDGDMIF LSENISKFMG
LTQVELTGHS IFDFTHPCDH EEIRENLTLK NGSGFGKKSK DVSTERDFFM RMKCTVTNRG
RTVNLKSATW KVLHCTGQVR VYNNCPPHSS LCGSKEPLLS CLIIMCEPIQ HPSHMDIPLD
SKTFLSRHSM DMKFTYCDDR ILELIGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG
QVVGQYRML AKHGGYVWLE TQGTVIYNPR NLQPQC

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against HIF2a. It has been selected for its ability to recognize HIF2a 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.

[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 HIF2a (Asp21~Cys336) 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.