

**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

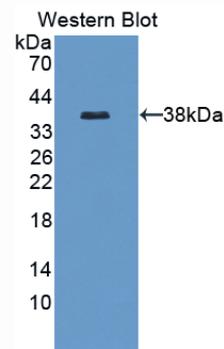
**Immunoglobulin Type:** IgG

**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 AEAQQMDNL YLKALEGFIA VVTQDGMIF LSENISKFMG  
LTQVELTGHS IFDFTHPCDH EEIRENLTLLK NGSGFGKSK DVSTERDFFM RMKCTVTNRG  
RTVNLKSATW KVLHCTGQVR VYNNCPHSS LCGSKEPLLS CLIMCEPIQ HPSHMDIPLD  
SKTFLSRHSM DMKFTYCDDR ILELIGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG  
QVVSQQYRML 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% NaN<sub>3</sub>, 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%, NaN<sub>3</sub> 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.