PAD466Ra01

Polyclonal Antibody to Hypoxia Inducible Factor 2 Alpha (HIF2a)

Organism Species: Rattus norvegicus (Rat)

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, Rat

Clonality: Polyclonal

Host: Rabbit

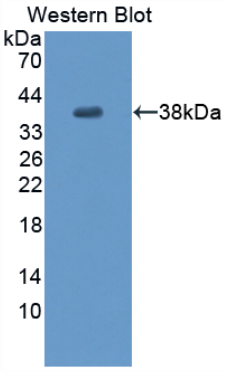
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200μg/mL

UOM: 100μg



Sample: Recombinant HIF2a, Rat

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant HIF2a (Arg24~Glu348) expressed in *E.coli*.

Accession No.: RPD466Ra01

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

MGHHHHHHSGS- RCRRSKE TEVFYELAHE LPLPHSVSSH LDKASIMRLA ISFLRTHKLL SSVCSENESE AEADQQMDNL YLKALEGFIA VVTQDGDMIF LSENISKFMG LTQVELTGHS IFDFTHPCDH EEIRENLTLK TGSGFGKKNK DRSTERDFFM RMKCTVTNRG RTVNLKSATW KVLHCTGQVR VYNNCPPHSS LCGYKEPLLS CLIIMCEPIQ HPSHMDIPLD SKTFLSRHSM DMKFTYCDDR ILELVGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG QVVSGQYRML AKHGGYVWLE TQGTVVYNPR NLQPQCIMCV NYVLSEIE

[ANTIBODY SPECIFITY]

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_3, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant HIF2a (Arg24~Glu348) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescent (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 4ºC for frequent use. Stored at -20ºC to -80ºC in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.