

PAF989Mu01

Polyclonal Antibody to Deiodinase, Iodothyronine, Type III (DIO3)

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: DIO3, Mouse

Clonality: Polyclonal

Host: Rabbit

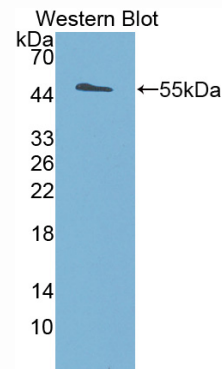
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant DIO3, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant DIO3 (Arg11~Arg277) expressed in *E.coli*.

Accession No.: RPF989Mu01

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

MKIEEGKLV I WINGDKGYNG LAEVGKKFEK DTGIKVTVEH PDKLEEKFPQ VAATGDGPDI
IFWAHDRFGG YAQSGLLAEI TPKAFQDKL YPFTWDAVRY NGKLIAYPIA VEALS LIY NK
DLLPNPPKTW EEIPALDKEL KAKGKSALMF NLQEPYFTWP LIAADGGYAF KYENGKYDIK
DVGVDNAGAK AGLTFLVDLI KNKHMNADTD YSIAEAAFNK GETAMTINGP WAWSNIDTSK
VNYGVTVLPT FKGQPSKPFV GVLSAGINAA SPNKELAKEF LENYLLTDEG LEAVNKDKPL
GAVALKSYEE ELAKDPRIAA TMENAQKGEI MPNIPQMSAF WYAVRTAVIN AASGRQTVDE
ALKDAQTGST SGS GHHHHHHH SAGLVPRGST AIGMKETAAA KFERQHMDSP DLGTLVLFQ
GPLGSEF- RLCAQTASCL VLFPRFLGTA FMLWLLDFLC IRKHFLRRRH PDHPEPEVEL
NSEGEEMPPD DPPICVSDDN RLCTLASLKA VWHGQKLDFF KQAHEGGPAP

NSEVVRPDGF QSQRILDYAQ GTRPLVLNFG SCTUPPFMAR MSAFQRLVTK YQRDVDFLII
YIEEAHPSDG WVTTDSPYVI PQHRSLEDRV SAARVLQQGA PGCALVLDTM ANSSSSAYGA
YFERLYVIQS GTIMYQGGRG PDGYQVSELR TWLERYDEQL HGTRPHR

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against DIO3. It has been selected for its ability to recognize DIO3 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% NaN₃, 50% glycerol.

[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.