

Product: **Anti-Adipophilin**
 Human homologue to mouse adipocyte
 differentiation-related protein (ADRP)

Catalog #: **03-GP40**

Amount: **25 ml**

CATEGORY: **Guinea pig Polyclonal (GP40, mN1)**

FORM: **Whole Serum containing 0.09% sodium azide**

IMMUNOGEN: **Synthetic peptide (N-terminal aa 1-25 murine adipophilin)**

DESCRIPTION/SPECIFICITY: **New specific marker for liposarcoma.**
 Adipophilin is present in milk fat globule membranes and
 on the surface of lipid droplets in various cultured cell lines;
 inducible by etomoxir.
 Polypeptide reacting: Adipophilin, MW 48,100
 (calculated from aa sequence data); apparent M_r 52,000
 (after SDS-PAGE); pI 6.72

IMMUNOLocalization: **Adipophilin is positively detected in the glandular cells of**
 lactating mammary gland (ductal cells are negative),
 zona fasciculata of the adrenal gland, Sertoli cells of the
 testis, and in fat-accumulating hepatocytes of alcoholic
 cirrhotic fatty liver; adipocytes are negative.
 Specific detection of liposarcoma.
 Also positively stained are lipid-storing CD68-positive
 macrophages.

ANTIGEN RECOGNIZED IN

SPECIES: **Human, bovine, mouse, rat**

REACTIVITIES ON CULTURED

CELL LINES: **Caco, PLC, HaCat, SV80, RD125, Huvec**
 (human umbilical cord endothelia), RV, PC-12
 (rat adrenal gland), MDCK; negative with glioma

APPLICATION: **Immunohistochemistry on frozen and paraffin sections**
 after microwave treatment; Immunoblotting
 Cytological Material

WORKING DILUTION: **1:100 for immunohistochemistry**
 1:2,000 for immunoblotting (ECL method)

INCUBATION TIME: **1 hour at room temperature or overnight at 2-8°C**

DILUTION BUFFER: **PBS with 0.5% BSA and 0.1% Na-Azide**

STORAGE: **2-8°C for immediate use, or at -20°C (aliquot)**

REFERENCES:

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