Product: **Anti-RNH1**
Catalog #: **01-2692**
Amount: **100 µl**

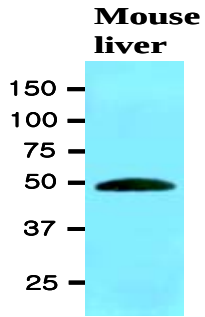
DESCRIPTION: Ribonuclease inhibitor 1(RNH1) the placental ribonuclease inhibitor, is an acid protein with a molecular weight of 50 kDa. RNH1 is a member of a family of proteinaceous cytoplasmic RNase inhibitors that are expressed in many tissues and bind to both intracellular and extracellular RNases in the cytosol. RNH1 is a role in abolishing the ribonucleolytic and angiogenic activities of angiogenin
NCBI Accession No.: NP_002930

CATEGORY: **Mouse** monoclonal
CLONE: 1H23
IMMUNOGLOBULIN SUBTYPE: Mouse IgG2a heavy chain and kappa light chain
IMMUNOGEN: Recombinant human Ribonuclease inhibitor 1(RNH1) (7-461aa) purified from *E. coli*

FORM: Affinity purified, in PBS containing 0.05% NaN_3 and protein stabilizer
ANTIGEN RECOGNIZED IN SPECIES: Human, mouse
SPECIFICITY: Ribonuclease inhibitor 1(RNH1)
APPLICATION (tested so far)**:** Immunoblotting (western, ECL)
ELISA
POSITIVE CONTROL: Mouse liver
CONCENTRATION: 0.1 mg/ml
WORKING DILUTION: Immunoblotting: 1:100 – 1:200
ELISA: starting dilution: 1:100
The optimal working dilution should be determined by serial dilution
STORAGE: 2-8°C for immediate use, extended storage at -20°C (aliquot)

REFERENCE:
Park J.H., et al., (2008) Cytotechnology 57(1):93–99
Johnson R.J., et al., (2007) J Mol Biol 368(2):434–449
Fu P, et al., (2005) Cancer Gene Ther 12(3):268–275

Western blot analysis
The extracts of mouse liver (20ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human RNH1 (1:100). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



489 Common Street, Belmont, MA 02478, USA; Email: info@arp1.com or staff@arp1.com
Phone: 800-832-2611 or 617-489-1120 Fax: 888-832-2613 or 617-489-5120