

TINAGL1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP10392b

Product Information

ApplicationWB, EPrimary AccessionQ9GZM7Other AccessionNP_071447.1ReactivityHuman, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB28086
Calculated MW 52387
Antigen Region 370-398

Additional Information

Gene ID 64129

Other Names Tubulointerstitial nephritis antigen-like, Glucocorticoid-inducible protein 5,

Oxidized LDL-responsive gene 2 protein, OLRG-2, Tubulointerstitial nephritis antigen-related protein, TIN Ag-related protein, TIN-Ag-RP, TINAGL1, GIS5,

LCN7, OLRG2, TINAGL

Target/Specificity This TINAGL1 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 370-398 amino acids from the

C-terminal region of human TINAGL1.

Dilution WB~~1:2000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions TINAGL1 Antibody (C-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name TINAGL1

Synonyms GIS5, LCN7, OLRG2, TINAGL

Function May be implicated in the adrenocortical zonation and in mechanisms for

repressing the CYP11B1 gene expression in adrenocortical cells. This is a non

catalytic peptidase C1 family protein (By similarity).

Cellular Location Secreted

Tissue Location Highly expressed in aorta, heart, placenta, kidney and a colorectal

adenocarcinoma cell line. Moderately expressed in skeletal muscle, pancreas,

lung, lymph nodes, adrenal gland, bone marrow and thyroid. Weakly expressed in colon, small intestine, ovary, spleen, testis and prostate.

Predominantly found in vascular smooth muscle cells, but also in cardiac and

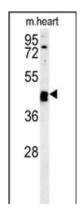
skeletal muscle cells as well as kidney.

References

Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004) Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) Colland, F., et al. Genome Res. 14(7):1324-1332(2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

Jiang, L.Q., et al. Hypertens. Res. 25(4):647-652(2002)

Images



TINAGL1 Antibody (C-term) (Cat. #AP10392b) western blot analysis in mouse heart tissue lysates (15ug/lane). This demonstrates the TINAGL1 antibody detected TINAGL1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.