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Salusin alpha Rabbit pAb

Catalog # AP97607

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q5JU69
Other Accession	Q5JU69
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35714
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Salusin alpha
Epitope Specificity	51-150/321
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the clpA/clpB family. Torsin subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	bs-9875P is one synthetic peptide derived from human Salusin alpha. Salusins are multifunctional bioactive peptides discovered by bioinformatics analyses of a full-length cDNA library. Salusin alpha and salusin beta are related peptides of 28 and 20 amino acids that were recently characterized. These peptides are considered to be biosynthesized from preprosalusin, an alternative-splicing product of the torsion dystonia-related gene (TOR2A), after frameshift reading and digestion at dibasic amino acids. Salusin alpha has recently been shown to be involved in atherosclerosis; it potently suppresses acyl-CoA:cholesterol acyltransferase-1 which stores cholesterol ester converted from free cholesterol in macrophages, thereby reducing human macrophage foam cell formation.

Additional Information

Gene ID	27433
Other Names	TORP1; TOR2A_HUMAN; TOR2A; Torsin family 2 member A; Torsin-related protein 1; torsin family 2, member A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TOR2A
Synonyms	TORP1
Cellular Location	Endoplasmic reticulum lumen.
Tissue Location	Isoform 1 is expressed ubiquitously, except in cardiac and endothelial tissues.

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