

TOR2A Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12178c

Specification

TOR2A Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q5JU69](#)

TOR2A Antibody (Center) Blocking peptide - Additional Information

Gene ID 27433

Other Names

Torsin-2A, Torsin family 2 member A, Torsin-related protein 1, TOR2A, TORP1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TOR2A Antibody (Center) Blocking peptide - Protein Information

Name TOR2A

Synonyms TORP1

Cellular Location

Endoplasmic reticulum lumen.

Tissue Location

Isoform 1 is expressed ubiquitously, except in cardiac and endothelial tissues.

TOR2A Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TOR2A Antibody (Center) Blocking peptide - Images

TOR2A Antibody (Center) Blocking peptide - Background

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.

TOR2A Antibody (Center) Blocking peptide - References

O'Farrell, C.A., et al. Neuroscience 164(3):1127-1137(2009) Sato, K., et al. Peptides 29(12):2203-2207(2008) Watanabe, T., et al. Hypertens. Res. 31(3):463-468(2008) Wang, Z., et al. Eur. J. Pharmacol. 539(3):145-150(2006) Humphray, S.J., et al. Nature 429(6990):369-374(2004)