

p21WAF1 Antibody (Center H450) Blocking peptide
Synthetic peptide
Catalog # BP11778c

Specification

p21WAF1 Antibody (Center H450) Blocking peptide - Product Information

Primary Accession [O60294](#)

p21WAF1 Antibody (Center H450) Blocking peptide - Additional Information

Gene ID 9836

Other Names

tRNA wybutosine-synthesizing protein 4, tRNA yW-synthesizing protein 4, Leucine carboxyl methyltransferase 2, tRNA(Phe)
(7-(3-amino-3-(methoxycarbonyl)propyl)wyosine(37)-N)-methoxycarbonyltransferase, tRNA(Phe)
(7-(3-amino-3-carboxypropyl)wyosine(37)-O)-methyltransferase, LCMT2, KIAA0547, TYW4

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.

p21WAF1 Antibody (Center H450) Blocking peptide - Protein Information

Name LCMT2

Synonyms KIAA0547, TYW4

Function

Probable S-adenosyl-L-methionine-dependent methyltransferase that acts as a component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA (By similarity). May methylate the carboxyl group of leucine residues to form alpha-leucine ester residues.

p21WAF1 Antibody (Center H450) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

p21WAF1 Antibody (Center H450) Blocking peptide - Images

p21WAF1 Antibody (Center H450) Blocking peptide - Background

This gene is a member of the Nod1/Apaf-1 family and encodes a protein with two caspase recruitment (CARD) domains and six leucine-rich repeats (LRRs). The protein is primarily expressed in the peripheral blood leukocytes. It plays a role in the immune response to intracellular bacterial lipopolysaccharides (LPS) by recognizing the muramyl dipeptide (MDP) derived from them and activating the NF- κ B protein. Mutations in this gene have been associated with Crohn disease and Blau syndrome. [provided by RefSeq].

p21WAF1 Antibody (Center H450) Blocking peptide - References

Sehgal, R., et al. Dis. Colon Rectum 53(11):1487-1494(2010) Cadwell, K. Gastroenterology 139(5):1448-1450(2010) Lacher, M., et al. J. Pediatr. Surg. 45(8):1591-1597(2010) Kramer, M., et al. BMC Res Notes 3, 224 (2010) : Kanazawa, N., et al. Blood 105(3):1195-1197(2005)