

FOLR3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13617a**Specification**

FOLR3 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P41439](#)**FOLR3 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 2352**Other Names**

Folate receptor gamma, FR-gamma, Folate receptor 3, FOLR3

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13617a was selected from the N-term region of FOLR3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

FOLR3 Antibody (N-term) Blocking peptide - Protein Information**Name** FOLR3**Function**

Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells. Isoform Short does not bind folate.

Cellular Location

Secreted.

Tissue Location

Spleen, thymus, bone marrow, ovarian carcinoma, and uterine carcinoma

FOLR3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FOLR3 Antibody (N-term) Blocking peptide - Images

FOLR3 Antibody (N-term) Blocking peptide - Background

This gene encodes a member of the folate receptor (FOLR) family, members of which have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene includes two polymorphic variants; the shorter one has two base deletions in the CDS, resulting in a truncated polypeptide, compared to the longer one. Both protein products are constitutively secreted in hematopoietic tissues and are potential serum markers for certain hematopoietic malignancies. The longer protein has a 71% and 79% sequence homology with the FOLR1 and FOLR2 proteins, respectively.

FOLR3 Antibody (N-term) Blocking peptide - References

O'Byrne, M.R., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 88(8):689-694(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Boyles, A.L., et al. Genet. Epidemiol. 33(3):247-255(2009) Franke, B., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 85(3):216-226(2009) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :