

NFIA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP14133b**Specification**

NFIA Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q12857](#)**NFIA Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 4774**Other Names**

Nuclear factor 1 A-type, NF1-A, Nuclear factor 1/A, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/A, NF-I/A, NFI-A, TGGCA-binding protein, NFIA, KIAA1439

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14133b was selected from the C-term region of NFIA. 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.

NFIA Antibody (C-term) Blocking peptide - Protein Information**Name** NFIA**Synonyms** KIAA1439**Function**

Recognizes and binds the palindromic sequence 5'- TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.

Cellular Location

Nucleus.

NFIA Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NFIA Antibody (C-term) Blocking peptide - Images

NFIA Antibody (C-term) Blocking peptide - Background

Nuclear factor I (NFI) proteins constitute a family of dimeric DNA-binding proteins with similar, and possibly identical, DNA-binding specificity. They function as cellular transcription factors and as replication factors for adenovirus DNA replication. Diversity in this protein family is generated by multiple genes, differential splicing, and heterodimerization.

NFIA Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Starnes, L.M., et al. Blood 114(9):1753-1763(2009)