

**Anti-NFIA Picoband Antibody**  
**Catalog # ABO11698****Specification**

---

**Anti-NFIA Picoband Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">Q12857</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Nuclear factor 1 A-type(NFIA) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-NFIA Picoband Antibody - 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

**Calculated MW**

55944 MW KDa

**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat  
Western blot, 0.1-0.5 µg/ml, Human

**Subcellular Localization**

Nucleus.

**Protein Name**

Nuclear factor 1 A-type

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence in the middle region of human NFIA (180-224aa AYFVHAADSSQSESPSQSDADIKDQPEHGLGFQDSFVTSG VFS), different from the related mouse sequence by one amino acid, and identical to the related rat sequence.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

**Anti-NFIA Picoband Antibody - 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.

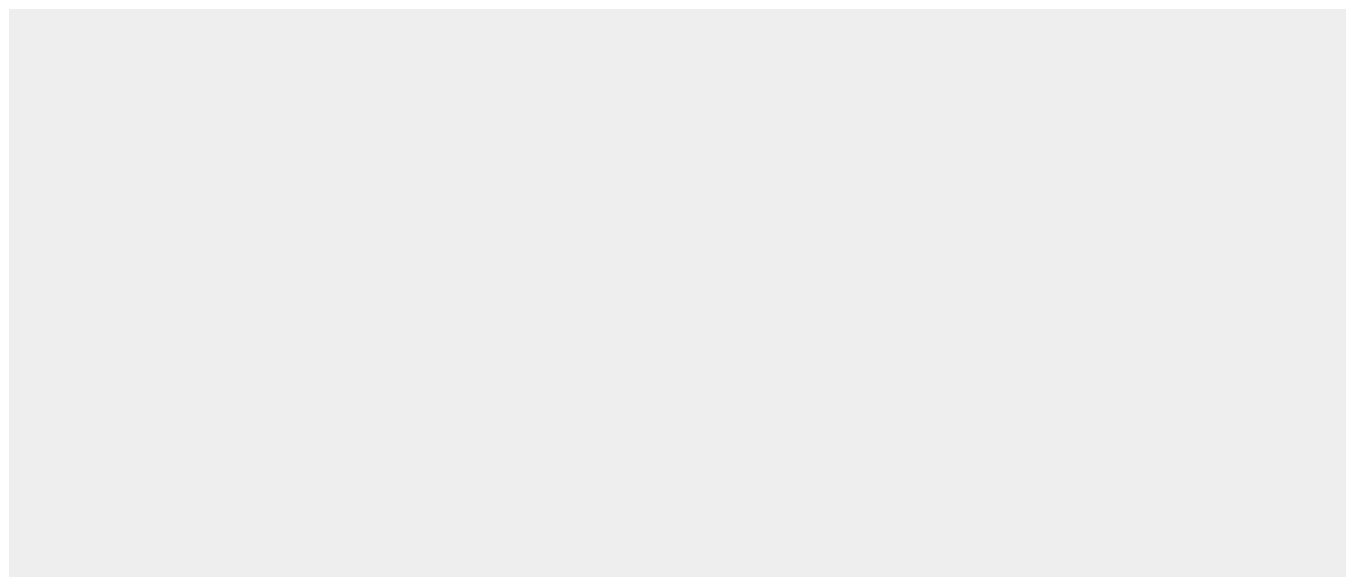
**Cellular Location**

Nucleus.

**Anti-NFIA Picoband Antibody - Protocols**

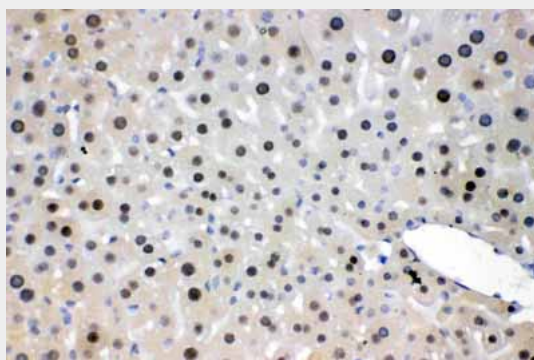
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

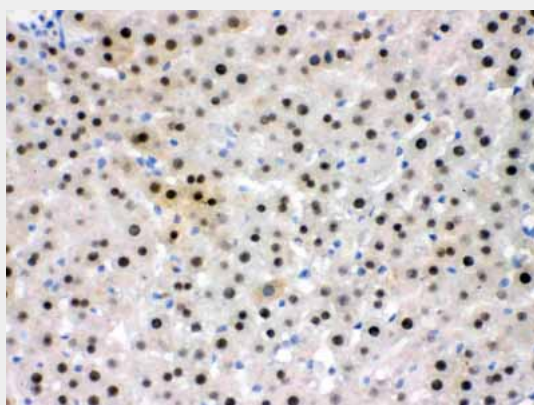
**Anti-NFIA Picoband Antibody - Images**



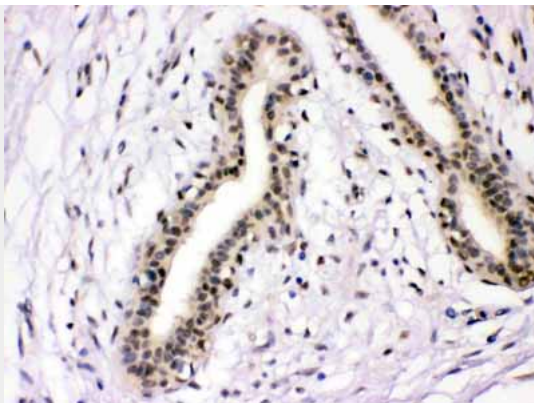
Western blot analysis of NFIA expression in JURKAT whole cell lysates (lane 1) and COLO320 whole cell lysates (lane 2). NFIA at 69KD was detected using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 0.5  $\mu$ g/mL. The blot was developed using chemiluminescence (ECL) method .



NFIA was detected in paraffin-embedded sections of mouse liver tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1  $\mu$ g/mL. The immunohistochemical section was developed using SABC method .



NFIA was detected in paraffin-embedded sections of rat liver tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1  $\mu$ g/mL. The immunohistochemical section was developed using SABC method .



NFIA was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1  $\mu$ g/mL. The immunohistochemical section was developed using SABC method .

#### **Anti-NFIA Picoband Antibody - Background**

Nuclear factor 1 A-type is a protein that in humans is encoded by the NFIA gene. 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.