

## ARG23706 anti-NFIA antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NFIA
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NFIA
Species	Human
Immunogen	Synthetic peptide around aa. 180-224 of Human NFIA. (AYFVHAADSSQSESPSQPSDADIKDQPEHGLGFQDSFVTSGVFS)
Conjugation	Un-conjugated
Alternate Names	Nuclear factor 1/A; Nuclear factor 1 A-type; TGGCA-binding protein; NF-I/A; NF1-A; CTF; CCAAT-box-binding transcription factor; NFI-L; Nuclear factor I/A; NFI-A

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	IHC-P	1 - 2 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

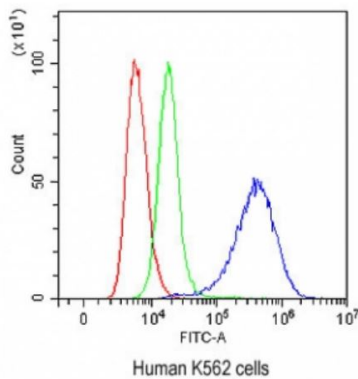
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	NFIA
Gene Full Name	nuclear factor I/A
Background	This gene encodes a member of the NF1 (nuclear factor 1) family of transcription factors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
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. [UniProt]
Calculated Mw	56 kDa (unmodified); 60-70 kDa (phosphorylated)

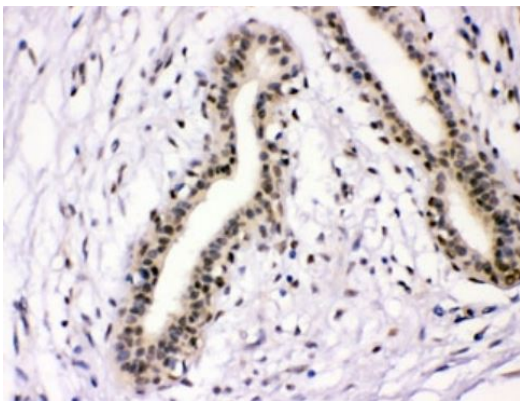
## Images



### ARG23706 anti-NFIA antibody FACS image

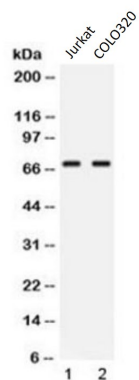
Flow Cytometry: Human K562 cells stained with ARG23706 anti-NFIA antibody at 1 µg/10<sup>6</sup> cells (blocked with Goat sera).

Red: Cells alone  
Green: Isotype control  
Blue: Primary antibody.



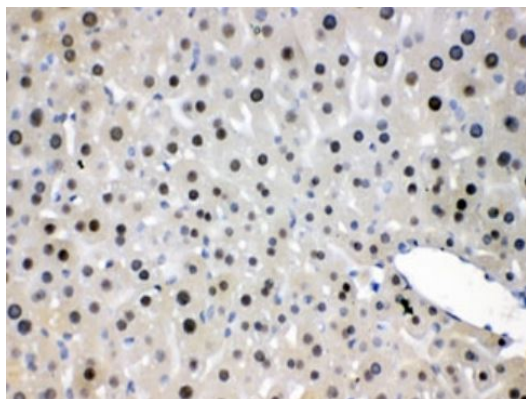
### ARG23706 anti-NFIA antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human breast cancer tissue stained with ARG23706 anti-NFIA antibody at 1 µg/ml dilution. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0) for 20 min.



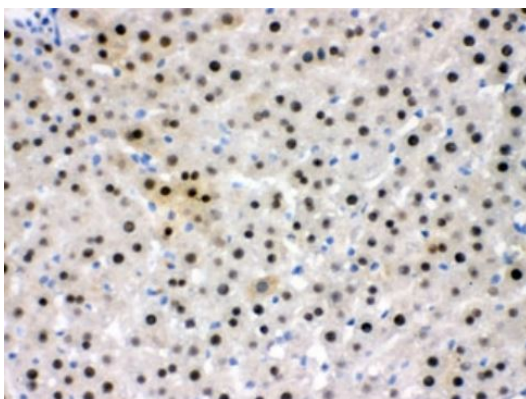
#### ARG23706 anti-NFIA antibody WB image

Western blot: 1) Jurkat and 2) COLO320 cell lysates stained with ARG23706 anti-NFIA antibody at 0.5 µg/ml dilution.



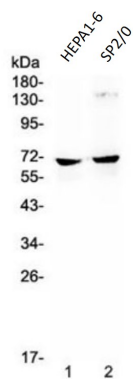
#### ARG23706 anti-NFIA antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Mouse liver stained with ARG23706 anti-NFIA antibody at 1 µg/ml dilution. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0) for 20 min.



#### ARG23706 anti-NFIA antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Rat liver stained with ARG23706 anti-NFIA antibody at 1 µg/ml dilution. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0) for 20 min.



#### ARG23706 anti-NFIA antibody WB image

Western blot: 1) HEPA1-6 and 2) SP2/O cell lysates stained with ARG23706 anti-NFIA antibody at 0.5 µg/ml dilution.