# **Polyclonal Anti-** Tumor necrosis factor, alpha-induced protein 1 (endothelial), **TNFαIP1**

**Catalogue No.** PA1305

**Lot No.** 09H01

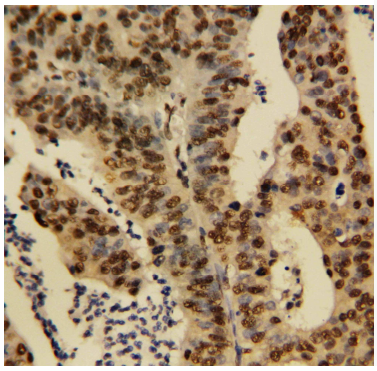
**Ig type** rabbit IgG

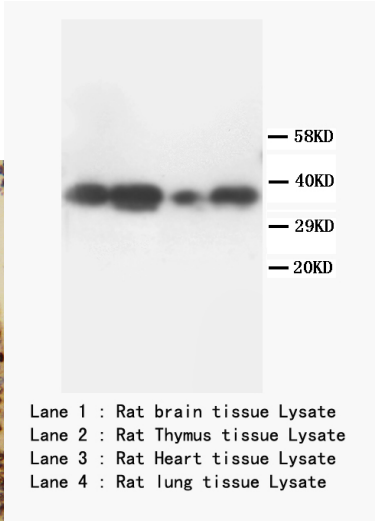
**Size** 100μg/vial

**Specificity**

Human, rat, mouse.

No cross reactivity with other proteins.






**Recommended application**

*Western blot*

*Immunohistochemistry (P)*

*Immunohistochemistry (F)*

*Immunocytochemistry*

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminal of human TNFαIP1, identical to the related rat and mouse sequence.

**Purity**

Immunogen affinity purified.

**Application**

| | Concen-tration | Tested Species | Concluded Species | Antigen Retrieval |
|---|---|---|---|---|
| WB | 0.5-1μg/ml | Hu, Rat | Ms | - |
| IHC-P | 0.25-0.5μg/ml | Hu, Rat | Ms | By Heat |
| IHC-F | 0.25-0.5μg/ml | Hu, Rat | Ms | - |
| ICC | 0.25-0.5μg/ml | Hu, Rat | Ms | - |

*Other applications have not been tested.*

*Optimal dilutions should be determined by end user.*

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg $Na_2HPO_4$, 0.05mg Thimerosal, 0.05mg $NaN_3$.

**Reconstitution**

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

**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 longer time.

**To reorder contact us at:**

**Antagene, Inc.**

**Toll Free: 1(866)964-2589**

**email: Info@antageneinc.com**

**BACKGROUND**

Tumor necrosis factor, alpha-induced protein 1 (endothelial), also known as TNFAIP1, is a human gene. The gene, present in single copy, was located in the 17q22-q23 region. ssThis gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial cells. Studies of a similar gene in mouse suggest that the expression of this gene is developmentally regulated in a tissue-specific manner. The protein is involved in the primary response of the endothelium to TNF.[1]

***REFERENCE***

1. Wolf, F. W.; Marks, R. M.; Sarma, V.; Byers, M. G.; Katz, R. W.; Shows, T. B.; Dixit, V. M. : Characterization of a novel tumor necrosis factor-alpha-induced endothelial primary response gene. *J. Biol. Chem.* 267: 1317-1326, 1992.