



## Rabbit Anti-TNFAIP3 antibody

SL2803R

<b>Product Name:</b>	TNFAIP3
<b>Chinese Name:</b>	Tumour坏死因子 $\alpha$ 诱导蛋白3抗体
<b>Alias:</b>	Zinc finger protein A20; A20; TNFA1P2; TNFAIP 3; Tnfip 3; Tnfip3; Tumor necrosis factor alpha induced protein 3; Tumor necrosis factor induced protein 3; Tumor necrosis factor inducible protein A20; MGC104522; MGC138687; MGC138688; OTU domain containing protein 7C; OTUD7C; Putative DNA binding protein A20.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	90kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TNFAIP3:51-150/790
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	A20 is a Cys2/Cys2 zinc finger protein that is induced by a variety of inflammatory stimuli and regulates gene expression. Specifically, A20 is induced by tumor necrosis factor (TNF) and interleukin 1 (IL-1), and acts as a negative regulator of nuclear factor $\kappa$ B (NF $\kappa$ B) gene expression. By inhibiting NF $\kappa$ B activation, A20 plays a critical role in

terminating NFκB responses to various stimuli. Although the C-terminal region of A20 contains seven zinc finger domains, only four of these domains are required for in vitro inhibition of TNF-induced NFκB activation. A20 also interacts with several other proteins, such as TRAF2, TRAF6 and IκB kinase (IKK) γ protein, and can thereby inhibit cell death. TXBP151, a novel A20-binding protein, may mediate the anti-apoptotic activity of A20. Involved in the negative feedback regulation of signal transduction, A20 and A20-binding proteins may be useful as novel therapeutic tools in the treatment of a variety of diseases

**Function:**

TNFAIP3 interacts with NAF1 and inhibits TNF induced NF kappa B dependent gene expression by interfering with a RIP or TRAF2 mediated transactivation signal. It inhibits programmed cell death, has a role in the function of the lymphoid system, and may contribute to the in vivo effects of TNF.

**Subcellular Location:**

Cytoplasm. Nucleus.

**Similarity:**

Belongs to the peptidase C64 family.  
Contains 7 A20-type zinc fingers.  
Contains 1 OTU domain.

**SWISS:**

P21580

**Gene ID:**

7128

**Database links:**

[Entrez Gene: 7128](#)Human

[Entrez Gene: 21929](#)Mouse

[Oimim: 191163](#)Human

[SwissProt: P21580](#)Human

[SwissProt: Q60769](#)Mouse

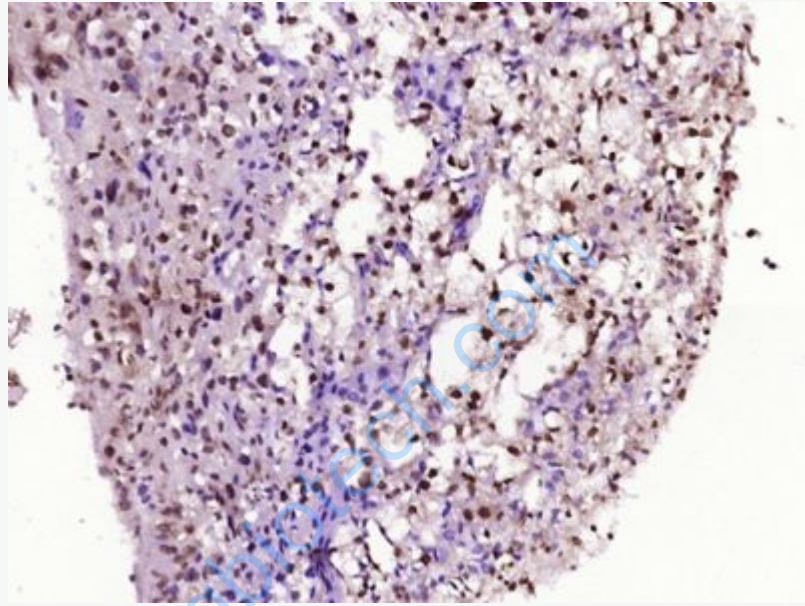
[Unigene: 211600](#)Human

[Unigene: 116683](#)Mouse

**Important Note:**

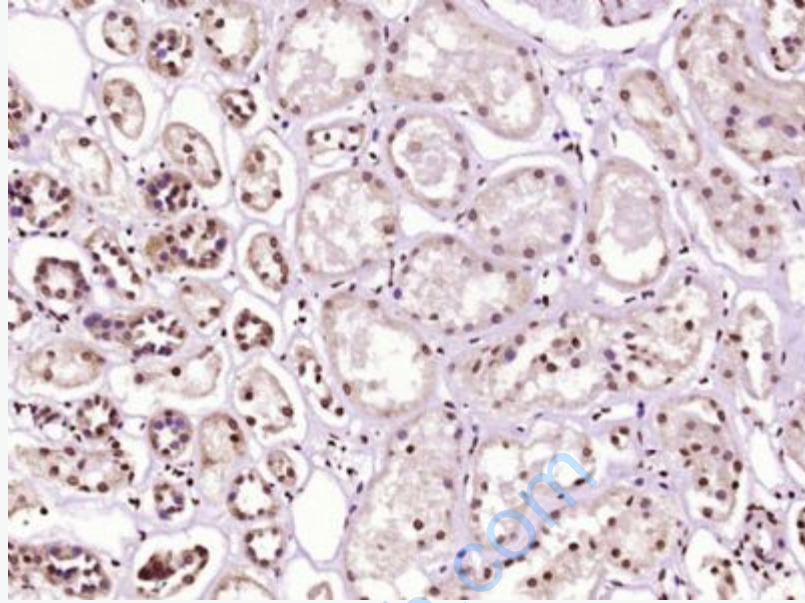
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TNFAIP3是一种Ubiquitin修饰酶,是机体重要的炎症反应负性调节因子,也是NF- $\kappa$ B的负调节蛋白。TNFAIP3蛋白与很多变态反应疾病的病理生理演变相关联,如:包括类风湿关节炎、冠状动脉疾病、银屑病、腹腔疾病、I型Diabetes、炎症性肠炎和系统性红斑狼疮等。



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TNFAIP3) Polyclonal Antibody, Unconjugated (SL2803R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TNFAIP3) Polyclonal Antibody, Unconjugated (SL2803R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.