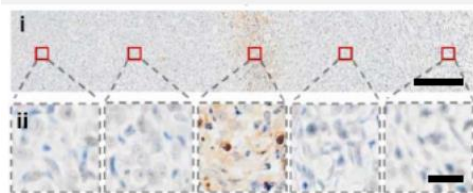


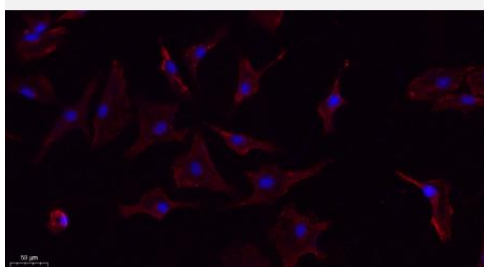
## TNF- $\alpha$ Polyclonal Antibody

<b>Catalog No.</b>	IPB0028
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB; IHC-p; IF/ICC; ELISA
<b>Dilution</b>	WB: 1:500-1:2000    IHC-p: 1:100-1:200    ELISA: 1:20000    IF: 1:50-1:200
<b>Gene Name</b>	TNF TNFA TNFSF2
<b>Protein Name</b>	Tumor necrosis factor
<b>Human Gene Id</b>	7124
<b>Swiss-Prot</b>	P01375
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Cell membrane; Single-pass type II membrane protein [Tumor necrosis factor, membrane form]; Membrane; Single-pass type II membrane protein [Tumor necrosis factor, soluble form]; Secreted [C-domain 1]; Secreted [C-domain 2]; Secreted
<b>MW</b>	16 KDa
<b>Background</b>	This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily This cytokine is mainly secreted by macrophages It can bind to, and thus functions through its receptors TNFRSF1A:TNFR1 and TNFRSF1B:TNFR2 This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer Knockout studies in mice also suggested the neuroprotective function of this cytokine

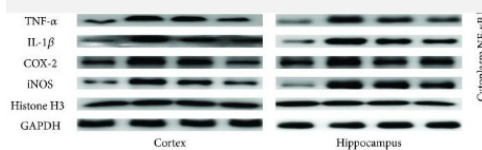
### Products Images:



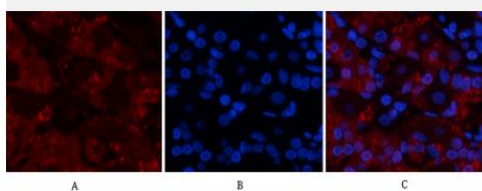
A biodegradable, flexible photonic patch for in vivo phototherapy. Yang Zhu IHC Rat 1:200 heart



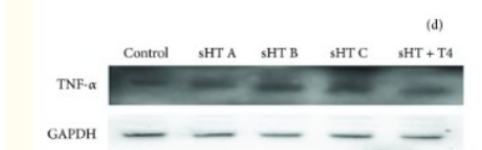
Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



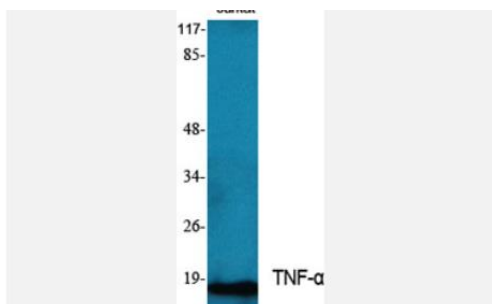
Ma, Yingjuan, et al. "Flavonoid-Rich Ethanol Extract from the Leaves of Diospyros kaki Attenuates D-Galactose-Induced Oxidative Stress and Neuroinflammation-Mediated Brain Aging in Mice." Oxidative medicine and cellular longevity 2018 (2018).



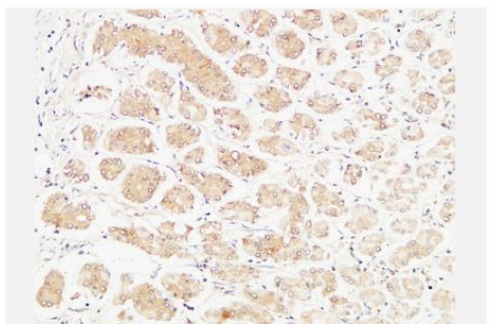
Immunofluorescence analysis of human-stomach tissue. 1,TNF-α Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



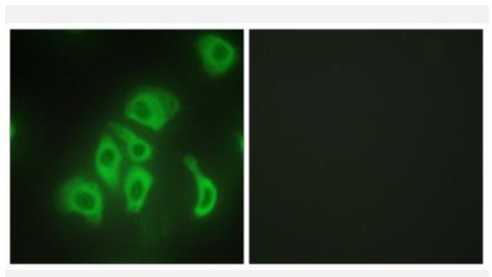
Chen, Xuedi, et al. "The Change of Left Ventricular Function in Rats with Subclinical Hypothyroid and the Effects of Thyroxine Replacement." International journal of endocrinology 2018 (2018).



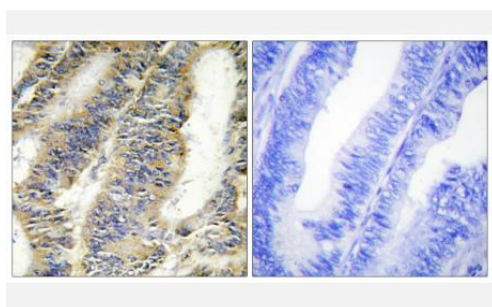
Western Blot analysis of various cells using TNF- $\alpha$  Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunofluorescence analysis of HepG2 cells, using TNFA Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using TNFA Antibody. The picture on the right is blocked with the synthesized peptide.





