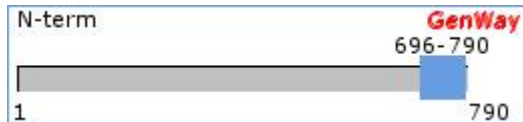


Tumor necrosis factor, alpha-induced protein 3, Antibody



EC 3.-.-., Putative DNA binding protein A20, Zinc finger protein A20

Catalog Number: 15-288-21173	
SwissProt Accession #: P21580	TNAP3_HUMAN
NCBI Accession #: NP_006281.1	GI #: 5454132
Immunogen Sequence Position: 696-790	Length (aa): 790
Mol. Weight (Da): 89614	



Linear Protein Map with Immunogenic Epitope Marked (sequence source from above GI#)

Source: Chicken

Purity: Immunoaffinity Purified

Clonality: Polyclonal

Crossreactivity: Human, mouse (Based on protein sequence homology)

Format: Phosphate-Buffered Saline. No preservatives added.

Storage: 4°C for short term (weeks) and -20°C for long term. Avoid frequent freeze and thaw.

Stability: 6-12 months at -20°C.

Shipping: Products may be shipped on ice pack.

Precautions: This product is for *in vitro* research use only. Not for use in diagnostic or therapeutic procedures.

Important Notes: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

APPLICATIONS:	
Western Blot	Tested
ELISA, ICC, IHC	Not Tested

TESTING: (secondary reagents and protocols)
Western Blot: E coli-derived fusion protein as test antigen. Affi-anti- A20 dilution: 1:2000, Goat anti-IgY-HRP dilution: 1:1000. Colorimetric method for signal development.



TARGET DESCRIPTION:
FUNCTION: Interacts with NAF1 and inhibits TNF-induced NF-kappa-B-dependent gene expression by interfering with an RIP- or TRAF2-mediated transactivation signal. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system and may contribute to the *in vivo* effects of TNF (By similarity). Has deubiquitinating activity that is directed towards Lys-48 or Lys-63-linked polyubiquitin chains.
OMIM: 191163; gene. [NCBI / EBI]

CATEGORIES RELATED TO TARGET PROTEIN:

TISSUES: Blood Vessels, Transcription Factor Complex, Intracellular, Capillary Endothelium, Cell Surface, Lymphocytes, Cytoplasm, T-Cell, Leukocyte, Smooth Muscle, Pancreas, Pancreatic Islets, Blood Cells, Artery, Heart, Fibroblast, Vascular Smooth Muscle, Nasopharyngeal Carcinoma, Nucleus, Serum
more... Mucosa, Intestine, Hepatocytes, Macrophage, Gastrointestinal Tract, Vein, Umbilical Vein Endothelial Cells, Urinary Tract, Spleen, Myocardium, Nuclear Chromosome, Monocytes, B-Cell, Aorta, Cardiac Muscle, Lymphoid, Intestinal Epithelium, Mammary Tumor, Heart Muscle, Granulocyte, Lymphoma, Intestinal Mucosa, Fibrosarcoma, Umbilical Cord, Vascular Endothelial Cells, Cardiac Myocytes, Chromosomes, Aortic Endothelium, Tumor Cells

PROTEIN FUNCTIONS: Cytokines, Tumor Necrosis Factors, Receptors, Immunologic, Adaptor Proteins, Signal Transducing, Antigens, Surface, Antigens, Differentiation, Phosphotransferases, Oncogene Proteins, Receptors, Cytokine, Cytokine Receptors, Interleukins, Membrane Glycoproteins, Peptide Hydrolases, Phosphatidylinositolg Signaling System, Chemokines, Mitogen-Activated Protein Kinases, Tumor Suppressor Proteins, Cell Adhesion Molecules (Cams), Cell Division, Oncogene Proteins, Viral

more... Lipopolysaccharide Biosynthesis, Toll-Like Receptor Signaling Pathway, Cysteine Metabolism, Esterases, Cd Molecules, Dna Fragmentation, Viral Regulatory Proteins, Receptors, Peptide, Retroviridae Proteins, Translation Factors, Transcription Factor Ap-1, Proteasome, Homeodomain Proteins, Tyrosine Metabolism, Insulin, Luciferases, Lipoproteins, Ldl, Ligases, Tumor Markers, Biological, Antigens, Neoplasm, Basal Transcription Factors, Terpenoid Biosynthesis, Flavonoid Biosynthesis, Glutathione Metabolism, Map Kinase Signaling System, C21-Steroid Hormone Metabolism, Cell Adhesion Molecules (Cams)

DISEASES: Benign Tumor, Fungi, Adenovirus, Herpesviruses, Leukemia, Neck Cancer, Arteriosclerosis, Metabolic Diseases, Heart Disease, Breast Tumor, Breast Cancer, Diabetes Mellitus, Hypoxia, Lung Diseases, Lymphoma, Escherichia Coli, Sepsis, Myelogenous Leukemia, Fibrosarcoma, Arthritis
more...

BACKGROUND REFERENCES:
[1] Kunter,U., et al. Combined expression of A1 and A20 achiev...
[2] Saitoh,T., et al. A20 is a negative regulator of IFN regul...
[3] Golovko,O., Nazarova,N. and Tuohimaa,P. A20 gene expression is regulated by TNF,...

[4] Daniel,S., et al. [A20 protects endothelial cells from TNF-...](#)
[5] Gon,Y., et al. [A20 inhibits toll-like receptor 2- and 4...](#)

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