

## Zinc finger protein 395, Antibody

Papillomavirus-binding factor, Papillomavirus regulatory factor 1, PRF-1, Huntington disease gene regulatory region-binding protein 2, HDBP-2, HD gene regulatory region-binding protein 2, HD-regulating factor 2, HDRF-2

**Catalog Number:** 15-288-21968B

SwissProt Accession #: Q9H8N7

ZN395\_HUMAN

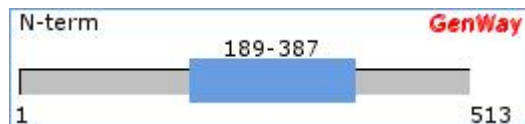
NCBI Accession #: NP\_061130.1

GI #: 8923887

Immunogen Sequence Position: 189-387

Length (aa): 513

Mol. Weight (Da): 54939



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

**Source:** Chicken

**Purity:** Immunoaffinity Purified

**Clonality:** Polyclonal

**Crossreactivity:** Human, mouse, rat (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.

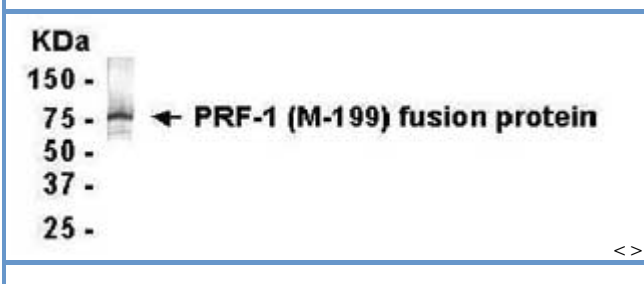
**Important Notes:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge 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-pure IgY dilution: 1:2000, Goat anti-IgY-HRP dilution: 1:1000. Colorimetric method for signal development.



### TARGET DESCRIPTION:

**FUNCTION:** Plays a role in papillomavirus genes transcription.  
**SUBUNIT:** Interacts with repression-mediating E2 binding site P2 of human papillomavirus type 8 (HPV8).

**SIMILARITY:** Contains 1 C2H2-type zinc finger.

**SUBCELLULAR LOCATION:** Cytoplasmic and nuclear. May shuttle between nucleus and cytoplasm.

**TISSUE SPECIFICITY:** Widely expressed.

OMIM: 609494; gene. [NCBI / EBI]

### CATEGORIES RELATED TO TARGET PROTEIN:

**TISSUES:** Chromosomes, Nucleus, Intracellular, Cytoplasm, Transcription Factor Complex, Fibroblast, Blood Cells, Nuclear Chromosome, Leukocyte, Lymphocytes, Chromatin, Testis, T-Cell, Neuron, Hematopoietic, Viral Nucleocapsid, Heart, Gonad, Lymphoid, Cell Surface

more... Serum, Gamete, Viral Capsid, Urinary Tract, Lymphoma, Erythroid Cells, B-Cell, Plasma Membrane, Forebrain, Embryonic Brain, Hematopoietic Stem Cells, Mesenchyme, Ovary, Bone Marrow, Eye, Thyroid, Oocyte, Embryonic Stem Cells, Gastrocnemius, Soleus Muscle, Skeletal Muscle, Spleen, Mammary Tumor, Monocytes, Macrophage, Embryonic Heart, Embryonic Kidney, Cardiac Muscle, Brain Cortex, Myocardium, Embryonic Muscle, Hindbrain, Heart Muscle, Cytoskeleton, Embryonic Fibroblast, Thymus, Telencephalon, Blood Vessels, Intestine, Granulocyte, Hippocampus, Peripheral Blood, Gastrointestinal Tract, Placenta, Platelet, Fetal Brain, Retina, Brain Stem, Retinoblastoma, Mesenchymal, Pancreas, Gastrula, Sperm, Pituitary, Neural Tube, Cerebellum, Forebrain Cortex, Epidermis, B-Cell Lymphoma, Endoderm, Nerve Endings, Prostate, Neural Crest, Fetal Liver, Hypothalamus, Capillary Endothelium, Spinal Cord, Phospholipids, Erythrocyte, Craniofacial

**PROTEIN FUNCTIONS:** Viral Regulatory Proteins, Oncogene Proteins, Phosphotransferases, Cysteine Metabolism, Tumor Suppressor Proteins, Homeodomain Proteins, Cytokines, Cell Division, Esterases, Receptors, Steroid, Retroviridae Proteins, Transcription Factors, General, Acid Anhydride Hydrolases, Basal Transcription Factors, Peptide Hydrolases, Ligases, Antigens, Surface, Glutathione Metabolism, Translation Factors, Serum Globulins

more... Histidine Metabolism, Membrane Glycoproteins, Tyrosine Metabolism, Adaptor Proteins, Signal Transducing, Receptors, Immunologic, Muscle Proteins, Immunoglobulins, Oncogene Proteins, Viral, Alkyl And Aryl Transferases, Gtp-Binding Proteins, Phosphatidylinositolg Signaling System, Receptors, Peptide, Luciferases, Antigens, Differentiation, Rna Polymerase, Peptide Hormones, Receptors, Cytokine, Cytokine Receptors, Microfilament Proteins, Monomeric Gtp-Binding Proteins, Interleukins, Nitrogen Metabolism, Tumor Necrosis Factors, Chromosomal Proteins, Non-Histone, Dna Polymerase, Lysine Degradation, Histones, Antigens, Neoplasm, Interphase, Terpenoid Biosynthesis, Neuroectodermal Tumors, Proto-Oncogene Proteins C-Fos, G-Protein Coupled Receptors, Mitogen-Activated Protein Kinases, Receptors, G-Protein-Coupled, Protein Export, Blood Coagulation Factors, Glycosyltransferases, Retinol Metabolism, Insulin, Tumor Markers, Biological, Hedgehog Signaling Pathway, Proto-Oncogene Proteins C-Myc, Hematopoietic Cell Growth Factors, Proteasome, Colony-Stimulating Factors, Microtubule Proteins, Nucleotide Sugars Metabolism, Cell Adhesion Molecules (Cams), Embryonic Induction, Neoplasms, Neuroepithelial, Transcription Factor Ap-1, Purine Metabolism, Pituitary Hormones, One-Carbon Group Transferases, Pyrimidine Metabolism, Tgf-Beta

Signaling Pathway, Gtp-Binding Protein Regulators, Gastrointestinal Hormones, Fatty Acid Metabolism, Glutamate Metabolism, Gonadotropins, Brca1 Protein, Biosynthesis Of Steroids, Tryptophan Metabolism, Calcium-Binding Proteins, Angiogenic Proteins, Alcohol Oxidoreductases, Sulfur Metabolism, Ribosome

**DISEASES:** Benign Tumor, Fungi, Leukemia, Escherichia Coli, Human Immunodeficiency Virus, Birth Defects, Myelogenous Leukemia, Lymphadenopathy, Wilms' Tumor, Lymphoma, Blood Diseases, Aspergillus, Breast Cancer, Adenovirus, Germ Cell Tumors, Pregnancy, Viral Diseases, Herpesviruses, Breast Tumor, Herpes Simplex Virus

more... Adenocarcinoma, Retinoblastoma, Metabolic Diseases, Bone Diseases, Myelodysplasia, Mental Disorders, Autoimmune Disease, Human Papilloma Virus, Syndrome X, Heart Disease, Brain Tumor, Endocrine, Liver Cancer, Colorectal Cancer, Lung Diseases, Lung Cancer, Prostate Cancer, Ovarian Cancer, Gliomas, Eye Diseases, AIDS, Breast Carcinoma, Lung Tumor, Marburg, Colorectal Tumor, Chronic Myeloid Leukemia, Epidermoid Carcinoma, Pancreatic Cancer, Hypoxia, Neck Cancer, Squamous Cell Carcinoma, Connective Tissue Diseases, Arthritis, Hemolytic Anemia, Metastasis, Neurodegenerative, Immune Deficiency, Burkitt's Lymphoma, Cerebrovascular Disease, Insulinoma, Gastric Cancer, Candida Albicans, Astrocytoma, Skin Cancer, Fibrosarcoma, Lupus, Cervical Cancer, Obesity, Leishmania, ADD, Arteriosclerosis, Penicillium, Dementia, Stomach Cancer, Candidiasis, Kaposi's Sarcoma, Hematological, Ewing's Sarcoma, Osteogenesis, Hepatitis, Muscular Dystrophy, Alzheimer's Disease, Alzheimer's Disease, Male Sterility, Kidney Failure, Pancreatic Carcinoma, Fusarium, Joint Diseases, Hodgkin's Disease, Cirrhosis

#### BACKGROUND REFERENCES:

**[1]** Tanaka,K., et al. Novel nuclear shuttle proteins, HDBP1 an...

**[2]** Boeckle,S., Pfister,H. and Steger,G. A new cellular factor recognizes E2 bind...

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