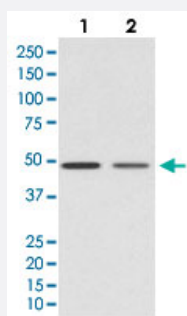


VDR monoclonal antibody, clone AAGE-22

Catalog # MAB20849 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) HeLa cell lysate, (2) mouse kidney lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human VDR.
Immunogen	A synthetic peptide corresponding to human VDR.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store 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 a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of (1) HeLa cell lysate, (2) mouse kidney lysate.

Gene Info — VDR

Entrez GeneID [7421](#)

Protein Accession# [P11473](#)

Gene Name VDR

Gene Alias NR1H1

Gene Description vitamin D (1,25- dihydroxyvitamin D3) receptor

Omim ID [166710 277440 601769](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations vitamin D (1,25-dihydroxyvitamin D3) receptor

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Addison Disease](#)

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Aggressive Periodontitis](#)
- [Albuminuria](#)
- [Alopecia Areata](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Aortic Valve Stenosis](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [beta-Thalassemia](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Bone Neoplasms](#)
- [Bone Resorption](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)

- [Calcinosis](#)
- [Calcium Metabolism Disorders](#)
- [Campylobacter Infections](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cell Transformation](#)
- [Chlamydia Infections](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Dengue](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)

- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Dwarfism](#)
- [Edema](#)
- [Erythema Nodosum](#)
- [Esophageal Neoplasms](#)
- [Fabry Disease](#)
- [Fatigue Syndrome](#)
- [Femoral Neck Fractures](#)
- [Fetal Diseases](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Fibroadenoma](#)
- [Fractures](#)
- [Gaucher disease](#)
- [Genetic Predisposition to Disease](#)
- [Germinoma](#)
- [Glucose Intolerance](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Growth Disorders](#)
- [Hashimoto Disease](#)

- [Head and Neck Neoplasms](#)
- [Hematologic Neoplasms](#)
- [Hepatitis](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hip Dislocation](#)
- [Hip Fractures](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [HTLV-I Infections](#)
- [Hypercalcemia](#)
- [Hypercalciuria](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hyperthyroidism](#)
- [Hypertrophy](#)
- [Hypogonadism](#)
- [Hypophosphatemic Rickets](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Intervertebral Disk Degeneration](#)
- [Intervertebral Disk Displacement](#)
- [Joint Diseases](#)

- [Keratinosis](#)
- [Kidney Calculi](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Lead Poisoning](#)
- [Leprosy](#)
- [Leukemia](#)
- [Lithiasis](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Low Back Pain](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphadenitis](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Menopause](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)

- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Mycobacterium Infections](#)
- [Myocardial Infarction](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Nutrition Disorders](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteitis Deformans](#)
- [Osteoarthritis](#)
- [Osteolysis](#)
- [Osteomalacia](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Paraparesis](#)
- [Parkinson disease](#)
- [Periodontal Attachment Loss](#)

- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Pneumonia](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Prosthesis-Related Infections](#)
- [Psoriasis](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Q Fever](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Retinal Diseases](#)
- [Rickets](#)
- [Salmonella Infections](#)
- [Sarcoidosis](#)
- [Sarcopenia](#)
- [Schizophrenia](#)
- [Scoliosis](#)
- [Skin Neoplasms](#)

- [Spinal Cord Diseases](#)
- [Spinal Diseases](#)
- [Spinal Fractures](#)
- [Spinal Injuries](#)
- [Spinal Osteophytosis](#)
- [Spondylitis](#)
- [Spondylosis](#)
- [Staphylococcal Infections](#)
- [Stroke](#)
- [Substance Abuse](#)
- [Thalassemia](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Tobacco Use Disorder](#)
- [Tooth Loss](#)
- [Trachoma](#)
- [Tuberculosis](#)
- [Turner Syndrome](#)
- [Uremia](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Calculi](#)
- [Urinary Tract Infections](#)
- [Urolithiasis](#)
- [Vaginitis](#)
- [Vitamin D Deficiency](#)

- [Vitiligo](#)
- [Werner syndrome](#)