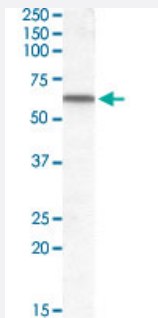


GC polyclonal antibody

Catalog # PAB17040 Size 100 ug

Applications



Western Blot (Tissue lysate)

GC polyclonal antibody (Cat # PAB17040) (1 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of GC.

Immunogen A synthetic peptide corresponding to human GC.

Sequence ERGRDYEKNKVCK

Host Goat

Theoretical MW (kDa) 52.9

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Recommend Usage ELISA (1:1000)
Western Blot (0.5-3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to 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 (Tissue lysate)

GC polyclonal antibody (Cat # PAB17040) (1 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GC

Entrez GeneID[2638](#)**Protein Accession#**[NP_000574.2](#)**Gene Name**

GC

Gene Alias

DBP, DBP/GC, VDBG, VDBP

Gene Description

group-specific component (vitamin D binding protein)

Omim ID[139200 275000](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the albumin gene family. It is a multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and on the surface of many cell types. It binds to vitamin D and its plasma metabolites and transports them to target tissues. [provided by RefSeq]

Other Designations

vitamin D binding protein|vitamin D-binding alpha-globulin|vitamin D-binding protein|vitamin D-binding protein/group specific component

Publication Reference

- [Genetic risk factors for chronic obstructive pulmonary disease.](#)

Sandford AJ, Pare PD.

Clinics in Chest Medicine 2000 Dec; 21(4):633.

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)

- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Stroke](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Vitamin D Deficiency](#)
- [Werner syndrome](#)