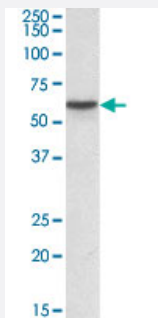


# GC polyclonal antibody

Catalog # PAB7358

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

GC polyclonal antibody (Cat # PAB7358, 0.03 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** CDNLSTKNSKFED

**Host** Goat

**Theoretical MW (kDa)** 52.9

**Reactivity** Human

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 0.5 mg/mL

**Quality Control Testing** Antibody Reactive Against Synthetic Peptide.

**Recommend Usage**  
 ELISA (1:2000)  
 Western Blot (0.1-0.3 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.<br>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)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — GC

|                    |                                                                                                                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">2638</a>                                                                                                                                                                                                                                                                                         |
| Protein Accession# | <a href="#">NP_000574.2</a>                                                                                                                                                                                                                                                                                  |
| Gene Name          | GC                                                                                                                                                                                                                                                                                                           |
| Gene Alias         | DBP, DBP/GC, VDBG, VDBP                                                                                                                                                                                                                                                                                      |
| Gene Description   | group-specific component (vitamin D binding protein)                                                                                                                                                                                                                                                         |
| Omim ID            | <a href="#">139200 275000</a>                                                                                                                                                                                                                                                                                |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                    |
| 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](#)