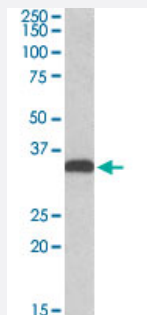


CBR3 polyclonal antibody

Catalog # PAB6205

Size 100 ug

Applications



Western Blot (Cell lysate)

CBR3 polyclonal antibody (Cat # PAB6205)(0.5 ug/mL) staining of HEK293 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 CBR3.

Immunogen A synthetic peptide corresponding to C-terminus of human CBR3.

Sequence C-QGQLVHDKVVQNW

Host Goat

Theoretical MW (kDa) 30.9

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Recommend Usage ELISA (1:32000)
Western blot (1-3 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 (Cell lysate)

CBR3 polyclonal antibody (Cat # PAB6205)(0.5 ug/mL) staining of HEK293 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CBR3

Entrez GeneID[874](#)**Protein Accession#**[NP_001227.1](#)**Gene Name**

CBR3

Gene Alias

SDR21C2, hCBR3

Gene Description

carbonyl reductase 3

Omim ID[603608](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq]

Other Designations

NADPH-dependent carbonyl reductase 3|carbonyl reductase (NADPH) 3|short chain dehydrogenase/reductase family 21C, member 2

Publication Reference

- [Mapping of a novel human carbonyl reductase, CBR3, and ribosomal pseudogenes to human chromosome 21q22.2.](#)

Watanabe K, Sugawara C, Ono A, Fukuzumi Y, Itakura S, Yamazaki M, Tashiro H, Osoegawa K, Soeda E, Nomura T.

Genomics 1998 Aug; 52(1):95.

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)