

PGD Antibody

Catalog No: #34364

Package Size: #34364-1 50ul #34364-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

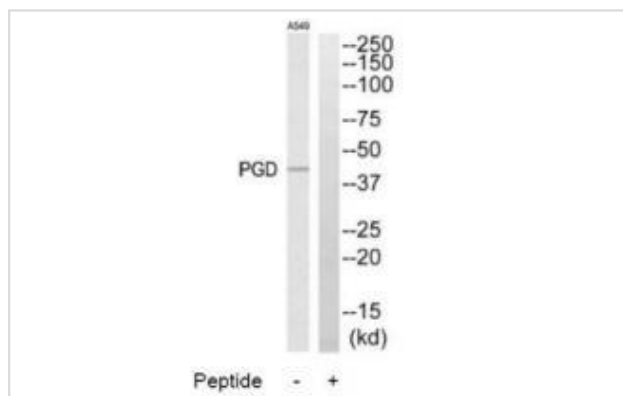
Description

Product Name	PGD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PGD protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PGD.
Target Name	PGD
Other Names	6-phosphogluconate dehydrogenase; 6-phosphogluconate dehydrogenase; decarboxylating; 6PGD; PGDH
Accession No.	Swiss-Prot: P52209NCBI Gene ID: 5226
Uniprot	P52209
GeneID	5226;
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from A549 cells, using PGD antibody #34364.

Background

Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO₂, with concomitant reduction of NADP to NADPH By similarity.

Tsui S.K.W., Biochem. Genet. 34:367-373(1996).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Colinge J., Submitted (OCT-2008) to UniProtKB

Note: This product is for in vitro research use only