

Recombinant

DGRmAb®

GAPDH (DGR11217) Rabbit mAb (HRP)

db11729-HRP

Package : 100µL

Product Name : GAPDH (DGR11217) Rabbit mAb (HRP)**Cat.No.:** db11729-HRP**Synonyms :** G3PD; GAPD; HEL-S-162eP**Application :** WB, IHC**Reactivity :** Human, Mouse, Rat, Monkey, Rabbit, Chicken, Zebrafish, Rabbit, Xenopus tropicalis, Chinese hamster, E. Escherichia coli**Host species :** Rabbit**Background**

This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein was originally identified as a key glycolytic enzyme that converts D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate. Subsequent studies have assigned a variety of additional functions to the protein including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferrin receptor on the cell surface of macrophage. Alternative splicing results in multiple transcript variants. Many pseudogenes similar to this locus are found throughout the mouse genome. [provided by RefSeq, Jan 2014]

Immunogen

Recombinant protein of human GAPDH

Gene ID

14433

Swiss Prot

P16858

Synonyms

G3PD; GAPD; HEL-S-162eP

Reactivity

Human, Mouse, Rat, Monkey, Rabbit, Chicken, Zebrafish, Rabbit, Xenopus tropicalis, Chinese hamster, E. Escherichia coli

Application

WB, IHC

Recommended dilutionWB: 1:1000-1:10000
IHC: 1:100**Calculated MW**

36 kDa

Observed MW

36 kDa

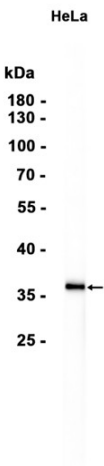
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR11217
Isotype	IgG
Purity	Affinity Purification
Conjugation	HRP
Excitation/Emission	1111
Concentration	1 mg/mL
Storage Stability	Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db11729-HRP at 1:50000.