

GAPDH

Catalog Number: 21012

Gene Symbol: GAPDH

Description: Anti-GAPDH Rabbit Polyclonal Antibody

Background: Glyceraldehyde-3-phosphatedehydrogenase (GAPDH) catalyzes the reversibleoxidative phosphorylation of glyceraldehyde-3-phosphate, an important energy-yielding step in carbohydrate metabolism. Additional functions of GAPDH include acting as an uricil DNA glycosylase, activating transcription, binding RNA and involvement in nuclear RNA export, DNA replication and DNA repair. Furthermore, expression of GAPDH isupregulated in liver, lung and prostate cancers. Moreover, GAPDH complexes with neuronal proteins implicated in human neuro-degenerative disorders including the β -Amyloid precursor, Huntingtin and other triplet repeat neuronal disorder proteins.

Immunogen: A synthetic peptide near theC-terminus of GAPDH of human origin

Tested Applications: ELISA, WB, IHC

Recommended Dilutions:

ELISA	1:1000-1:5000
WB	1:100-1:2000
IHC	1:50-1:100

Concentration: 0.2 mg/ml

Host: Rabbit

Clonality: Polyclonal

Purity: Purified from serum

Format: Liquid

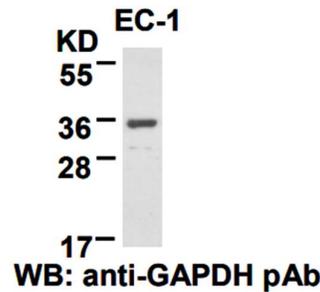
Preservative: No

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-GAPDH antibodyrecognizes GAPDH of vertebrates

Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles

Western Blot:



EC-1 cell lysate was used for Western blot with anti-GAPDH polyclonal antibody (Cat. # 21012).

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