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GAPDH Polyclonal Antibody, HRP Conjugated

(Catalog #A52539)

Background
Has both glyceraldehyde-3-phosphate dehydrogenase and nitrosylase activities, thereby playing a role in glycolysis and nuclear functions, respectively. Glyceraldehyde-3-phosphate dehydrogenase is a key enzyme in glycolysis that catalyzes the first step of the pathway by converting D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate. Modulates the organization and assembly of the cytoskeleton. Also participates in nuclear events including transcription, RNA transport, DNA replication and apoptosis. Nuclear functions are probably due to the nitrosylase activity that mediates cysteine S-nitrosylation of nuclear target proteins

Description
GAPDH Polyclonal Antibody, HRP Conjugated. HRP. Raised in: Rabbit.

Formulation
Liquid. 0.03% Proclin 300. 50% Glycerol, 0.01M PBS, PH 7.4.

Specificity
Chicken

Isotype
IgG

Uniprot ID
P00356

Purification
Protein G purified

Immunogen
Recombinant Chicken Glyceraldehyde-3-phosphate dehydrogenase protein (2-333AA)

Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
Peptidyl-cysteine S-nitrosylase GAPDH, GAPDH, GAPD

Application
ELISA; Recommended dilution: ELISA 1:500-1:1000

