

GAPDH Polyclonal Antibody

catalog number: **E-AB-40337**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

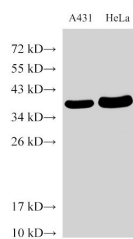
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Zebrafish Glyceraldehyde-3-phosphate dehydrogenase protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

Applications Recommended Dilution

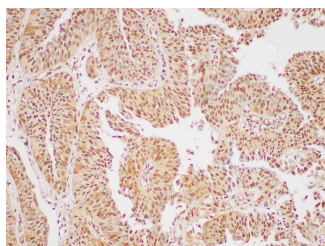
WB	1:3000-1:6000
IHC	1:300-1:500

Data

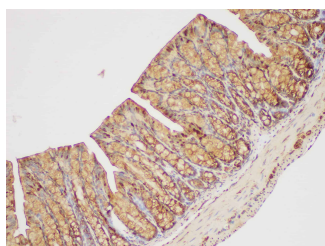


Western Blot analysis of A431 and HeLa cells using GAPDH Polyclonal Antibody at dilution of 1:5000

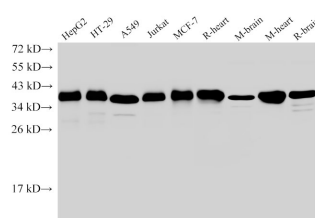
Observed-MW:35 kDa
Calculated-MW:35 kDa



Immunohistochemistry of paraffin-embedded Human bladder cancer using GAPDH Polyclonal Antibody at dilution of 1:400

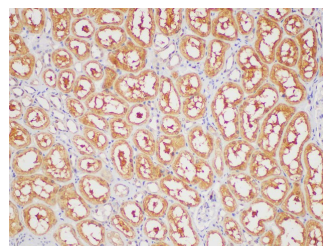


Immunohistochemistry of paraffin-embedded Mouse colon using GAPDH Polyclonal Antibody at dilution of 1:400

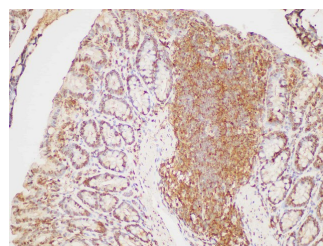


Western Blot analysis of HepG2, HT-29, A549, Jurkat, MCF-7, Rat heart, Mouse brain, Mouse heart and Rat brain using GAPDH Polyclonal Antibody at dilution of 1:5000

Observed-MW:35 kDa
Calculated-MW:35 kDa



Immunohistochemistry of paraffin-embedded Human kidney using GAPDH Polyclonal Antibody at dilution of 1:400



Immunohistochemistry of paraffin-embedded Rat colon using GAPDH Polyclonal Antibody at dilution of 1:400

For Research Use Only

Preparation & Storage

Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. GAPDH participates in nuclear events including transcription, binding RNA, RNA transportation, DNA replication, DNA repair and apoptosis. Being stably and constitutively expressed at high levels in most tissues and cells, GAPDH is considered a housekeeping protein. It was widely used as a control for RT-PCR and also loading control in electrophoresis and Western blotting. GAPDH is normally expressed in cellular cytoplasm or membrane, but can occasionally translocate to the nucleus post modification such as S-nitrosylation.

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