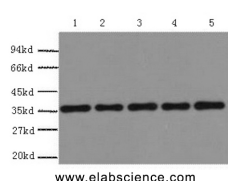


GAPDH Polyclonal Antibody

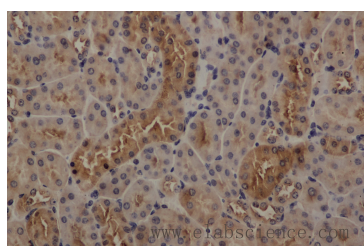
Catalog No.	E-AB-20059	Reactivity	H,M,R,Mk,Ch,Rb,Sh,Xenopus
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC-p	Isotype	IgG

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

Images



Western Blot analysis of 293T, Rat brain, NIH, 3T3, Sheep muscle, Rabbit testis using GAPDH Polyclonal Antibody at dilution of 1:5000.



Immunohistochemistry of paraffin-embedded mouse kidney using GAPDH antibody at dilution of 1:50

Immunogen Information

Immunogen	Recombinant Protein
Swissprot	P04406
Synonyms	GAPDH,GAPD,CDABP0047,OK/SW-cl.12,Glyceraldehyde-3-phosphate dehydrogenase,GAPDH,Peptidyl-cysteine S-nitrosylase GAPDH

Product Information

Observed MW	37kDa
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Purify	Affinity purification
Dilution	WB 1:2000-1:5000, IHC 1:50-1:200

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.