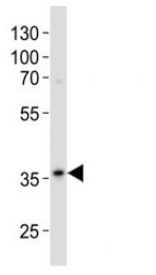
Anti-GAPDH Antibody (F50849)

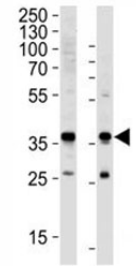
Catalog No.	Formulation	Size
F50849-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50849-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

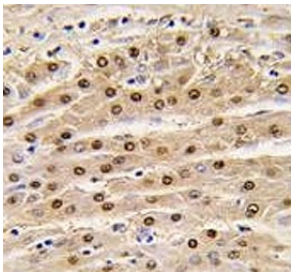
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P04406
Applications	Western Blot : 1:500-1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This anti-GAPDH antibody is available for research use only.



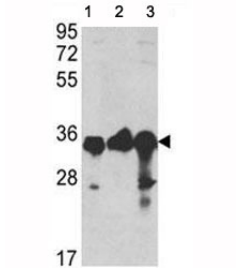
Western blot analysis of lysate from A375 cell line using anti-GAPDH antibody diluted at 1:500. Predicted molecular weight ~36kDa.



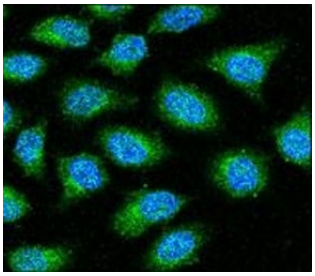
Western blot analysis of lysate from HeLa, HUVEC cell line (left to right) using anti-GAPDH antibody diluted at 1:1000 for each lane. Predicted molecular weight ~36kDa.



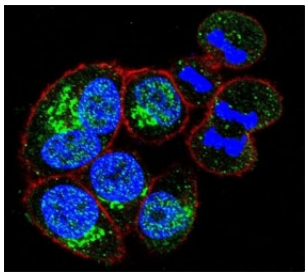
IHC analysis of FFPE human hepatocarcinoma tissue stained with anti-GAPDH antibody



Western blot analysis of anti-GAPDH antibody and 1) A2058, 2) A375, and 3) CEM lysate. Predicted molecular weight ~36kDa.



Anti-GAPDH antibody confocal immunofluorescent analysis with HeLa cell. Primary antibody (1:20) was followed by FITC-conjugated goat anti-rabbit IgG. FITC emits green fluorescence. DAPI was used as a nuclear counterstain (blue).



Confocal immunofluorescent analysis of anti-GAPDH antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the anti-GAPDH antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 62-91 from the human protein was used as the immunogen for this anti-GAPDH antibody.

Storage

Aliquot the anti-GAPDH antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.