



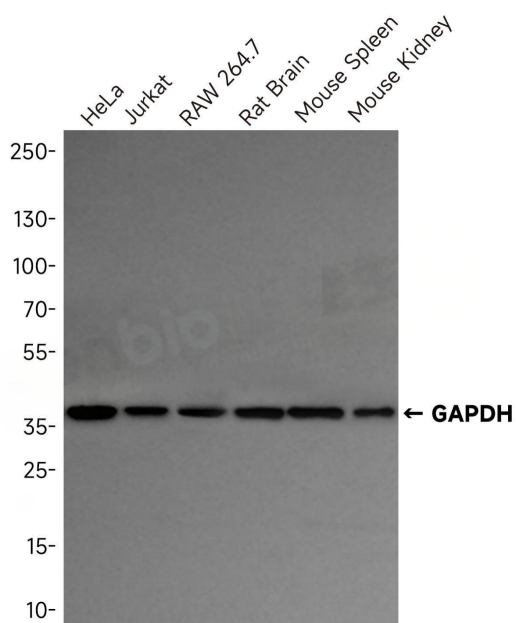
GAPDH Rabbit mAb

Catalog No	YP-nAb-1185
Isotype	IgG
Reactivity	Human,Mouse,Rat,Chicken,Monkey,Zebrafish
Applications	WB,IHC-P,ICC/IF,FC,IP
Alternative Name	G3PD; GAPD; HEL-S-162eP; GAPDH
Antibody dilution ratio	WB-1:10000-1:160000; IHC-1:2000-1:8000; IF-1:100-1:500; FC-1:100; IP-1:50
SwissProt ID	P04406
Host Species	Rabbit
Conjugation	Unconjugated
Modification	Unmodified
Gene ID	2597
Gene Name	GAPDH
Clonality	Monoclonal Antibody
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 36 kDa
Immunogen	A synthesized peptide derived from human GAPDH
Research Field	Neuroscience
Background	Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in almost cell types at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types.
Purification Method	Affinity Chromatography
Form	Liquid
Storage Buffer	1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA
Storage Conditions	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

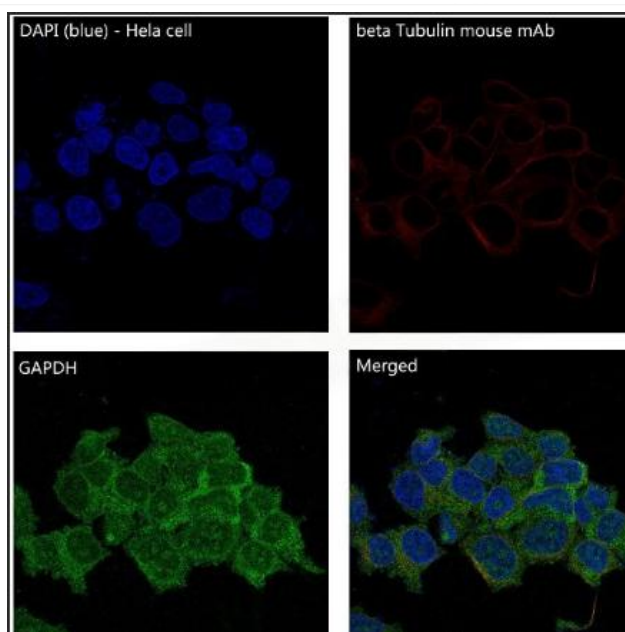




Products Images

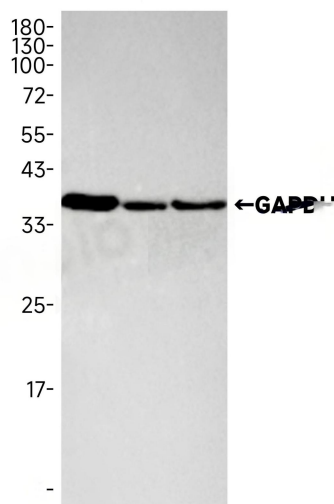


Western blot analysis of GAPDH in various lysates with GAPDH Antibody using GAPDH antibody.



Immunofluorescence analysis of GAPDH in HeLa using GAPDH antibody.



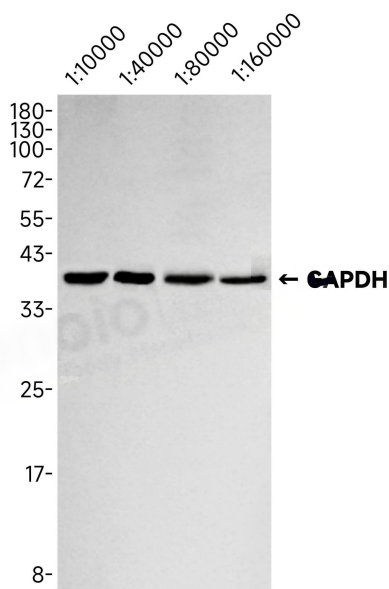


All lanes: GAPDH Rabbit mAb (R380626) at 1/10000 dilution. Lane 1: C6 cell lysate Lane 2:

3T3 cell lysate Lane 3: HeLa cell lysate Lysate/proteins at 20 ug/Lane Secondary All lanes:

Goat Anti-Rabbit IgG H&L (HRP) (511203) at 1/20000 dilution
Predicted band size: 37 kDa

Observed band size: 37 kDa Exposure time: 3 seconds/(s); ECL (17046)
12% SDS-PAGE ge



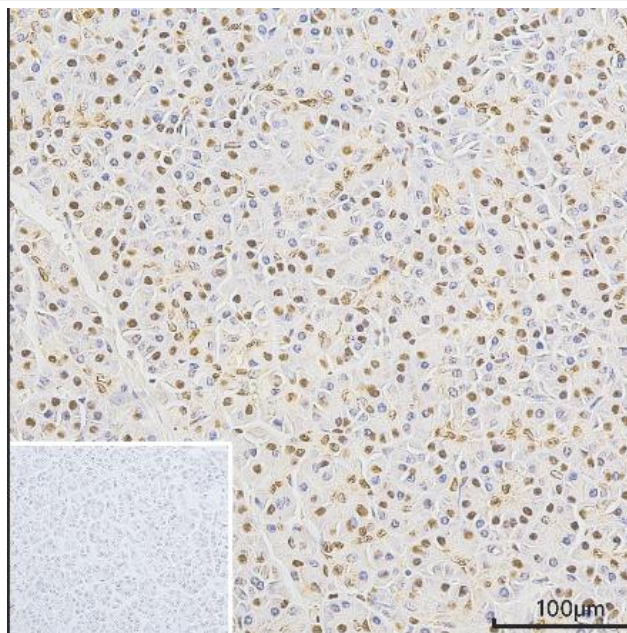
All lanes: GAPDH Rabbit mAb (R380626) at 1/10000-1/160000 dilution.

All lanes: C6 cell lysate Lysate/proteins at 20 ug/Lane Secondary All

lanes: Goat Anti-Rabbit IgG H&L(HRP) (511203) at 1/20000 dilution

Predicted band size: 37 kDa Observed band size: 37 kDa Exposure time:
3 seconds/(s); ECL (17046) 12% SDS-PAGE gel





Immunohistochemistry of Paraffin-embedded Human pancreatic cancer tissue sections using the antibody GAPDH Rabbit mAb (R380626) at a dilution of 1/8000 . Heat-induced epitope retrieval was performed using Tris-EDTA buffer (pH 9.0) .

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