

Product Datasheet

GAPDH Antibody (N-term) (orb1928806)

Catalog Number	orb1928806
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	GAPDH {ECO:0000303 PubMed:2987855, ECO:0000312 HGNC:HGNC:4141}
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	This GAPDH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-91 amino acids from the N-terminal region of human GAPDH. Antigen Region: 62-91 aa.
UniProt ID	P04406
MW	36053 Da
Tested applications	IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50
Clone Number	BTD38759

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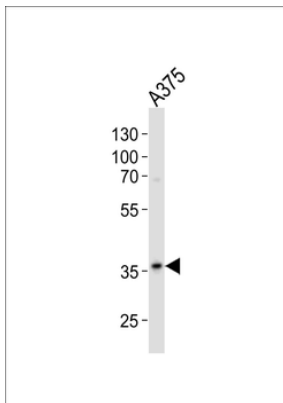
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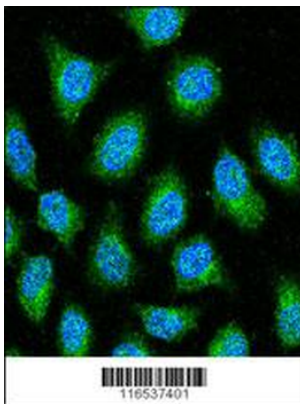
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001243728.1, NP_002037.2
Expiration Date	12 months from date of receipt.



Western blot analysis of lysate from A375 cell line, using GAPDH Antibody (N-term). Diluted at 1:500. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 ug.



GAPDH Antibody (N-term) confocal immunofluorescent analysis with Hela cell. 0.025 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence. DAPI was used to stain the cell nuclear (blue).

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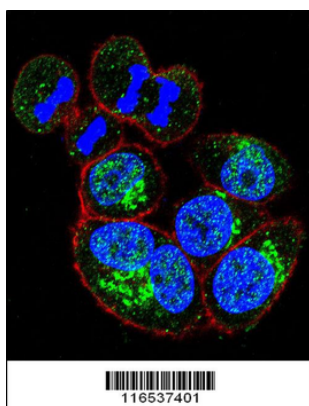
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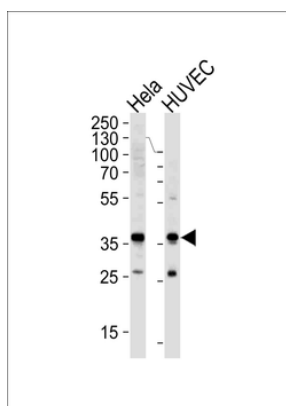
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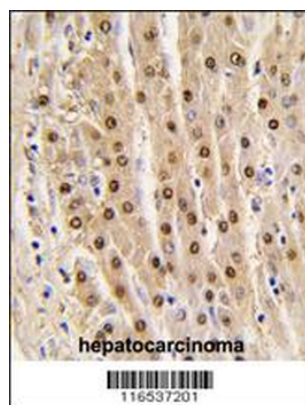
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Confocal immunofluorescent analysis of GAPDH Antibody (N-term) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



Western blot analysis of lysates from HeLa, HUVEC cell line (from left to right), using GAPDH Antibody (N-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 ug per lane.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with GAPDH antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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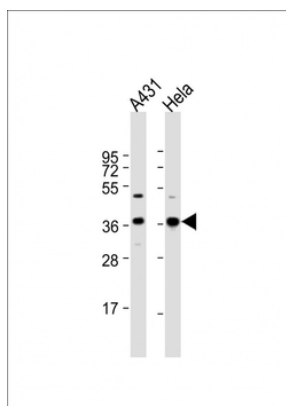
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All lanes: Anti-GAPDH Antibody (N-term) at 1:1000 dilution.
Lane 1: A431 whole cell lysate. Lane 2: HeLa whole cell lysate.
Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size: 36 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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