Product datasheet

Anti-GAPDH Antibody

Catalog Number: *A00227-1*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-GAPDH Antibody
Gene Name	GAPDH
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat, chicken, monkey, zebrafish
Tested Application	WB, IHC, ICC/IF, FCM
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Observed MW	36 kDa
Dilution Ratios	Western blot (WB): 1:20000-200000 Immunohistochemistry (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 Flow Cytometry (Fixed): 1:50-200 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Reference

Anti-GAPDH Antibody被引用在125文献中。

Selected Validation Data

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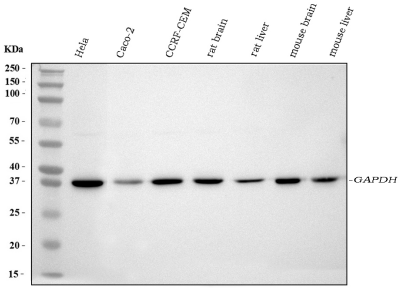
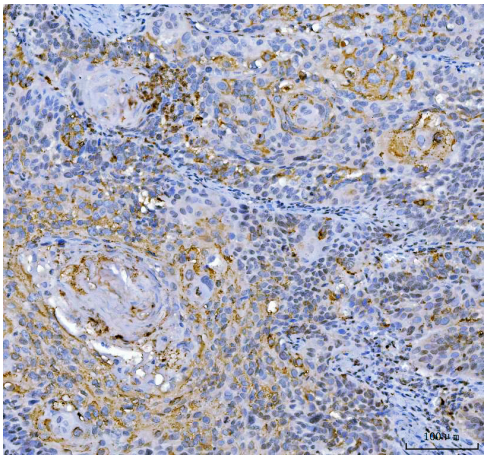


Western blot analysis of GAPDH using anti-GAPDH antibody (A00227-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: Hela whole cell lysates,
Lane 2: Caco-2 whole cell lysates,
Lane 3: CCRF-CEM whole cell lysates,
Lane 4: rat brain tissue lysates,
Lane 5: rat liver tissue lysates,
Lane 6: mouse brain tissue lysates,
Lane 7: mouse liver tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-GAPDH antigen affinity purified polyclonal antibody (A00227-1) at a dilution of 1:50000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for GAPDH at approximately 36 kDa. The expected band size for GAPDH is at 36 kDa.



IHC analysis of GAPDH using anti-GAPDH antibody (A00227-1). GAPDH was detected in a paraffin-embedded section of human Laryngeal squamous cell carcinoma tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-GAPDH Antibody (A00227-1) at a dilution of 1:200 and developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.

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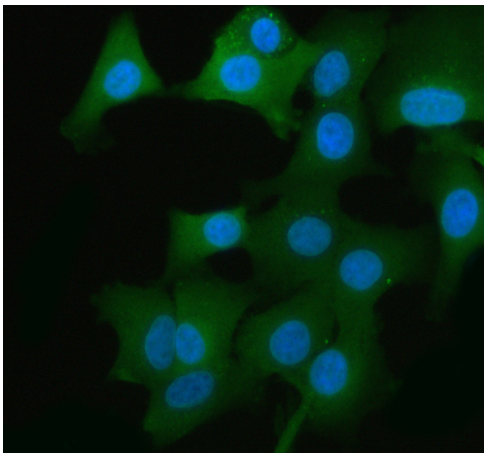
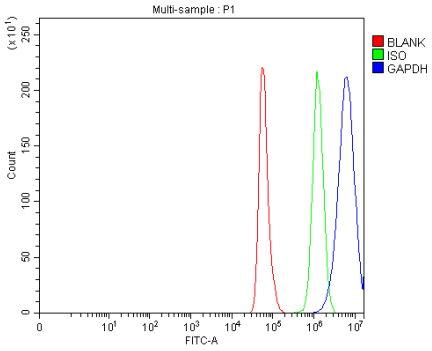


ICC/IF analysis of GAPDH using anti-GAPDH antibody (A00227-1). GAPDH was detected in an immunocytochemical section of A549 cells. The section was incubated with rabbit anti-GAPDH Antibody (A00227-1) at a dilution of 1:100. Fluoro488 Conjugated Goat Anti-Rabbit IgG (Green) (Catalog # BA1127) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).



Flow Cytometry analysis of Hela cells using anti-GAPDH antibody (A00227-1).
Overlay histogram showing Hela cells stained with A00227-1 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-GAPDH Antibody (A00227-1) at 1:100 dilution for 30 min at 20°C. Fluoro488 conjugated goat anti-rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG at 1:100 dilution used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.