Product datasheet

Anti-GAPDH Antibody (Clone#5A12)

Catalog Number: *BM1623*

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 (Clone#5A12)
Gene Name	GAPDH
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse, rat, monkey, zebrafish, chicken, rabbit, pig
Tested Application	WB, ICC/IF, IP
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	Polypeptide
Purification	protein G purified.
Observed MW	36 kDa
Dilution Ratios	Western blot (WB): 1:10000-200000 Immunocytochemistry/Immunofluorescence(ICC/IF):1:200-500 ImmunoPrecipitation (IP): 1:50

Storage

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

Background Information

The product of this gene 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. Many pseudogenes similar to this locus are present in the human genome. Two transcript variants encoding different isoforms have been found for this gene.

Reference

Anti-GAPDH Antibody (Clone#5A12)被引用在504文献中。

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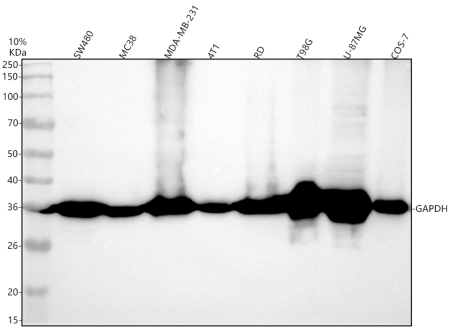
Selected Validation Data



Western blot analysis of anti-GAPDH antibody (BM1623). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human SW480 whole cell lysates,
Lane 2: human MC38 whole cell lysates,
Lane 3: human MDA-MB-231 whole cell lysates,
Lane 4: mouse 4T1 whole cell lysates,
Lane 5: human RD whole cell lysates,
Lane 6: human T98G whole cell lysates,
Lane 7: human U87MG whole cell lysates,
Lane 8: monkey COS-7 whole cell lysates,
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with mouse anti-GAPDH antigen affinity purified monoclonal antibody (BM1623) at a dilution of 1:10000 and probed with a goat anti-mouse IgG-HRP secondary antibody (Catalog # BA1050). 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.

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