

G0S2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP10188c

Specification

G0S2 Antibody (Center) - Product Information

Application WB, IHC-P,E **Primary Accession** P27469 Other Accession NP 056529.1 Human, Mouse Reactivity Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 11321 Antigen Region 36-62

G0S2 Antibody (Center) - Additional Information

Gene ID 50486

Other Names

 ${
m G0/G1}$ switch protein 2, ${
m G0/G1}$ switch regulatory protein 2, Putative lymphocyte ${
m G0/G1}$ switch gene, ${
m G0S2}$

Target/Specificity

This G0S2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-62 amino acids from the Central region of human G0S2.

Dilution

WB~~1:1000 IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

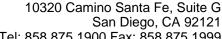
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GOS2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

G0S2 Antibody (Center) - Protein Information

Name G0S2





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Function Promotes apoptosis by binding to BCL2, hence preventing the formation of protective BCL2-BAX heterodimers.

Cellular Location

Mitochondrion.

Tissue Location

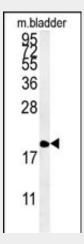
Widely expressed with highest levels in peripheral blood, skeletal muscle and heart, followed by kidney and liver

G0S2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

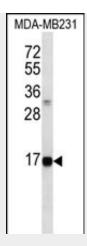
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

G0S2 Antibody (Center) - Images

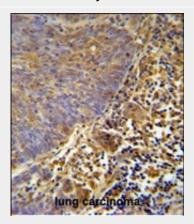


G0S2 Antibody (Center) (Cat. #AP10188c) western blot analysis in mouse bladder tissue lysates (15ug/lane). This demonstrates the GOS2 antibody detected GOS2 protein (arrow).





G0S2 Antibody (Center) (Cat. #AP10188c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the G0S2 antibody detected the G0S2 protein (arrow).



G0S2 antibody (Center) (Cat. #AP10188c) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the G0S2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

G0S2 Antibody (Center) - References

Kusakabe, M., et al. Int. J. Cancer 126(8):1895-1902(2010) Kusakabe, M., et al. Biochem. Biophys. Res. Commun. 390(4):1283-1287(2009) Welch, C., et al. Cancer Res. 69(17):6782-6789(2009) Kitareewan, S., et al. Int. J. Oncol. 33(2):397-404(2008) Zandbergen, F., et al. Biochem. J. 392 (PT 2), 313-324 (2005):