10320 Camino Santa Fe, Suite G
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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
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**11321**
Antigen Region	**36-62**

G0S2 Antibody (Center) - Additional Information

Gene ID 50486

Other Names
G0/G1 switch protein 2, G0/G1 switch regulatory protein 2, Putative lymphocyte G0/G1 switch gene, 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

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
G0S2 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.

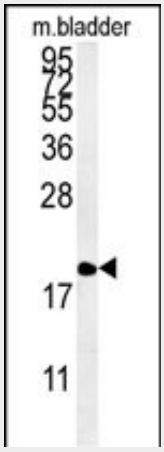
Tissue Location
Widely expressed with highest levels in peripheral blood, skeletal muscle and heart, followed by kidney and liver

G0S2 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- 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 G0S2 antibody detected G0S2 protein (arrow).

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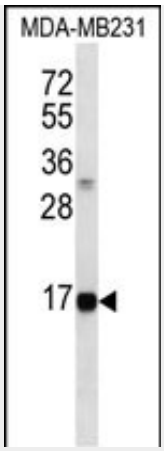
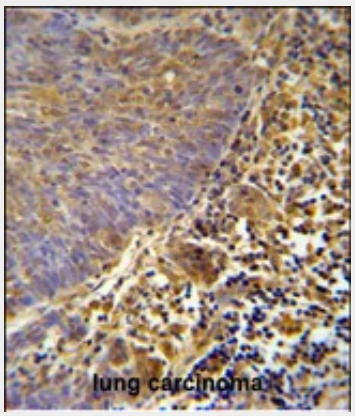


G0S2 Antibody (Center) (Cat. #AP10188c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the G0S2 antibody detected the G0S2 protein (arrow).



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) :