

S100Z Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10626a**Specification**

S100Z Antibody (N-term) - Product Information

Application	WB, FC,E
Primary Accession	O8WXG8
Other Accession	NP_570128.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11620
Antigen Region	1-30

S100Z Antibody (N-term) - Additional Information**Gene ID** 170591**Other Names**

Protein S100-Z, S100 calcium-binding protein Z, S100Z

Target/Specificity

This S100Z antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human S100Z.

Dilution

WB~~1:1000

FC~~1:10~50

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

S100Z Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

S100Z Antibody (N-term) - Protein Information**Name** S100Z ([HGNC:30367](#))**Tissue Location**

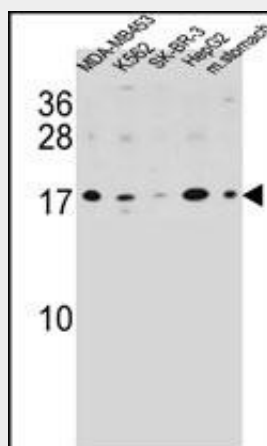
Highest level of expression in spleen and leukocytes.

S100Z Antibody (N-term) - Protocols

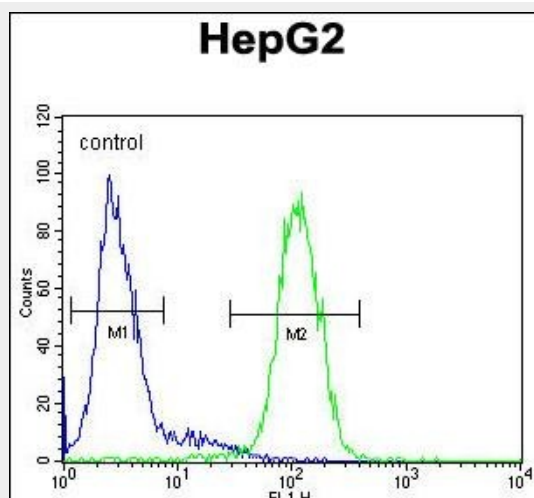
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

S100Z Antibody (N-term) - Images



S100Z Antibody (N-term) (Cat. #AP10626a) western blot analysis in MDA-MB453, K562, SK-BR-3, HepG2 cell line and mouse stomach tissue lysates (35ug/lane). This demonstrates the S100Z antibody detected the S100Z protein (arrow).



S100Z Antibody (N-term) (Cat. #AP10626a) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

S100Z Antibody (N-term) - Background

Members of the S100 protein family contain 2 calcium-binding EF-hands and exhibit cell-type specific expression patterns. For additional background information on S100 proteins, see MIM 114085.

S100Z Antibody (N-term) - References

Festen, E.A., et al. Am. J. Gastroenterol. 105(2):395-402(2010) Gribenko, A.V., et al. Biochemistry 40(51):15538-15548(2001)