

SP6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13016c

Specification

SP6 Antibody (Center) - Product Information

Application FC, WB,E Primary Accession Q3SY56

Other Accession Q9ESX2, NP 954871.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Mouse
Rabbit
Polyclonal
Rabbit IgG
39840
196-225

SP6 Antibody (Center) - Additional Information

Gene ID 80320

Other Names

Transcription factor Sp6, Krueppel-like factor 14, SP6, KLF14

Target/Specificity

This SP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 196-225 amino acids from the Central region of human SP6.

Dilution

FC~~1:10~50 WB~~1:1000

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

SP6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SP6 Antibody (Center) - Protein Information

Name SP6





Tel: 858.875.1900 Fax: 858.875.1999

Synonyms KLF14

Function Promotes cell proliferation (By similarity). Plays a role in tooth germ growth (By similarity). Plays a role in the control of enamel mineralization. Binds the AMBN promoter (PubMed: 32167558).

Cellular Location Nucleus.

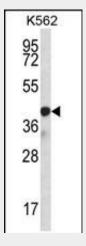
Tissue Location Ubiquitous.

SP6 Antibody (Center) - Protocols

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

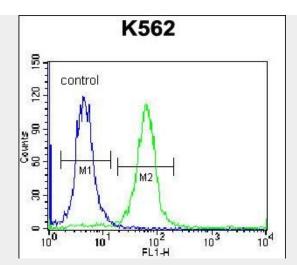
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SP6 Antibody (Center) - Images



SP6 Antibody (Center) (Cat. #AP13016c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SP6 antibody detected the SP6 protein (arrow).





SP6 Antibody (Center) (Cat. #AP13016c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

SP6 Antibody (Center) - Background

SP6 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes (Scohy et al., 2000 [PubMed 11087666]).

SP6 Antibody (Center) - References

Nakamura, T., et al. J. Biol. Chem. 279(1):626-634(2004) Scohy, S., et al. Genomics 70(1):93-101(2000)