

Anti-SP6 Picoband Antibody
Catalog # ABO13063**Specification**

Anti-SP6 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q3SY56
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for SP6 detection. Tested with WB in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-SP6 Picoband Antibody - Additional Information

Gene ID 80320

Other Names

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

Application Details

Western blot, 0.1-0.5 µg/ml

Subcellular Localization

Nucleus.

Tissue Specificity

Ubiquitous.

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence of human SP6 (QPDMSHHYESWFRPTHPGAEDGSWWDLHPGTSWMDLPH).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r° Constitution, at 4°C; for one month. It° Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.

Anti-SP6 Picoband Antibody - Protein Information

Name SP6

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.

Anti-SP6 Picoband Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SP6 Picoband Antibody - Images

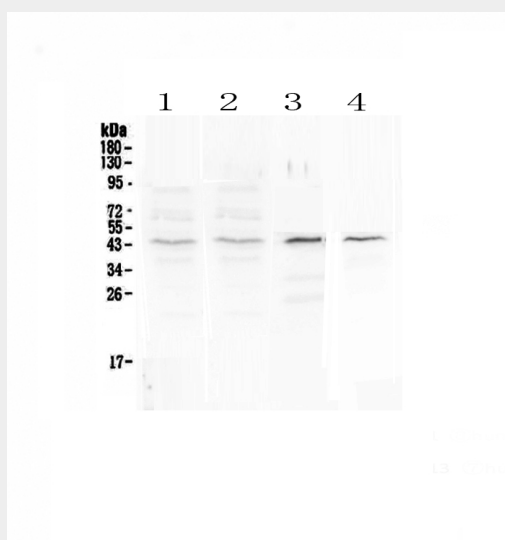


Figure 1. Western blot analysis of SP6 using anti-SP6 antibody (ABO13063).

Anti-SP6 Picoband Antibody - 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. By somatic cell hybrid analysis and FISH, the SP6 gene is mapped to chromosome 17q21.3-q22.