

# **Human Sp3 Antibody**

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF4256

DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human Sp3 in Western blots.	
Source	Polyclonal Goat IgG	
Purification	Antigen Affinity-purified	
Immunogen	E. coli-derived recombinant human Sp3 Asp53-Ser309 Accession # Q02447	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.	

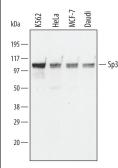
### APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

### DATA

## Western Blot



Detection of Human Sp3 by Western Blot. Western blot shows nuclear extracts of K562 human chronic myelogenous leukemia cell line, HeLa human cervical epithelial carcinoma cell line, MCF-7 human breast cancer cell line, and, Daudi human Burkitt's lymphoma cell line. PVDF membrane was probed with 1 µg/mL of Goat Anti-Human Sp3 Antigen Affinity-purified Polyclonal Anti-Hounan Sp3 Antigen Affinity-purified Polyclonal Anti-Goat IgG Secondary Antibody (Catalog # HAF019). A specific band was detected for Sp3 at approximately 100 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

## PREPARATION AND STORAGE

**Reconstitution** Reconstitute at 0.2 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

\*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

## Stability & Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

### BACKGROUND

Sp3 is a member of the Sp1 family of C2H2-zinc-finger transcription factors. Sp3 binds to GT and GC boxes in promoters and can either stimulate or repress transcription. Knock out mice indicate that Sp3 is important particularly in erythroid and myeloid cell lineages.

Rev. 2/6/2018 Page 1 of 1

