SIL Antibody

Rabbit Polyclonal

Antigen Affinity Purified

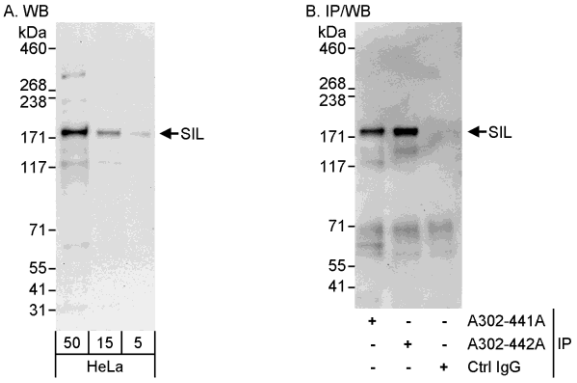
Catalog No. A302-441A

Lot No. A302-441A-1

Protein ID NP_003026.2

Gene ID 6491

APPLICATIONS	WB, IP
REACTIVITY TESTED	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Gorilla, Chimpanzee, White-tufted-ear marmoset and Northern white-cheeked gibbon.
ISOTYPE	IgG
AMOUNT	0.1 ml at 1 mg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to SIL immobilized on solid support. The epitope recognized by A302-441A maps to a region between residue 450 and 500 of human SCL/TAL1 interrupting locus using the numbering given in entry NP_003026.2 (GeneID 6491). Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:2,000 to 1:10,000 Immunoprecipitation 2 to 5 µg/mg lysate
APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel and ReliaBLOT® Reagents (Cat. No. WB120).
ADDITIONAL INFO	http://www.bethyl.com/product/A302-441A Use the link above to view SDS, a current list of citations, and other product specific information.



Detection of Human SIL by Western Blot and Immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-SIL antibody A302-441A used for WB at 0.4 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. SIL was also immunoprecipitated by rabbit anti-SIL antibody A302-442A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).