

Syntaxin 4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004595.2

Catalog No. A304-337A

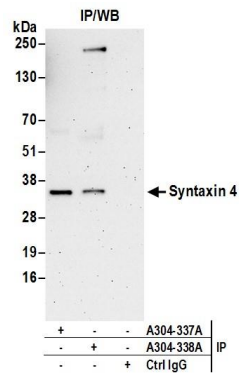
GeneID 6810

Lot No. A304-337A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
AMOUNT	100 µl
CONCENTRATION	1000 µg/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
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Syntaxin 4 immobilized on solid support. The epitope recognized by A304-337A maps to a region between residue 1 to 50 of human Syntaxin 4 using the numbering given in entry NP_004595.2 (GeneID 6810). 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 Not recommended. A304-337A has not performed satisfactorily when used for WB of Syntaxin 4 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of Syntaxin 4. Immunoprecipitation 2 – 10 µg/mg lysate
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	https://www.bethyl.com/product/A304-337A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human Syntaxin 4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Syntaxin 4 antibody A304-337A (lot A304-337A-1) used for IP at 6 μ g per reaction. Syntaxin 4 was also immunoprecipitated by rabbit anti-Syntaxin 4 antibody A304-338A. For blotting immunoprecipitated Syntaxin 4, A304-338A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.