

Beta-2-adaptin Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_001273.1
Catalog No. A304-719A	Uniprot ID	P63010
Lot No. 2	GeneID	163

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and 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 Beta-2-adaptin immobilized on solid support.

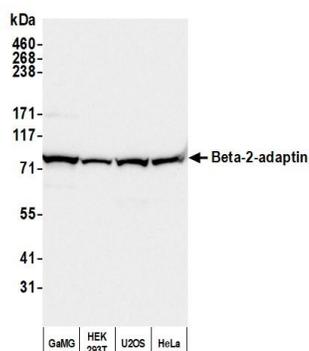
The epitope recognized by A304-719A maps to a region between residue 575 to 625 of human Beta-2-adaptin using the numbering given in entry NP_001273.1 (GeneID 163).

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 – 1:10,000
	Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO	https://www.fortislife.com/p/A304-719A
	Use the link above to view SDS, a current list of citations, and other product specific information.

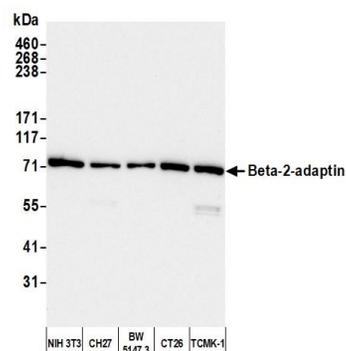
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 14, 2023

**Detection of human Beta-2-adaptin by western blot.**

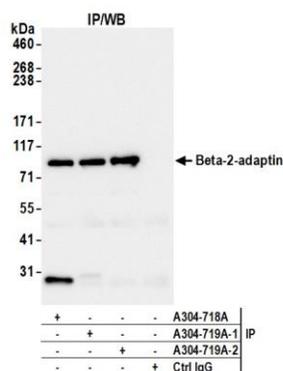
Samples: Whole cell lysate (50 µg) from GaMG, HEK293T, U2OS, and HeLa cells prepared using NETN lysis buffer.

Antibody: Affinity purified rabbit anti-Beta-2-adaptin antibody (A304-719A-2 lot 2) used for WB at 0.1 µg/ml.

Detection: Chemiluminescence with an exposure time of 10 seconds.

**Detection of mouse Beta-2-adaptin by western blot.**

Samples: Whole cell lysate (25 µg) from NIH 3T3, CH27, BW5147.3, CT26, and TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Beta-2-adaptin antibody (A304-719A lot 2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

**Detection of human Beta-2-adaptin by western blot of immunoprecipitates.**

Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Beta-2-adaptin antibody (A304-719A lot 2) used for IP at 6 µg per reaction. Beta-2-adaptin was also immunoprecipitated by a previous lot of this antibody (A304-719A lot 1) and a second antibody against a different epitope of Beta-2-adaptin (A304-718A). For blotting immunoprecipitated Beta-2-adaptin, A304-719A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.