

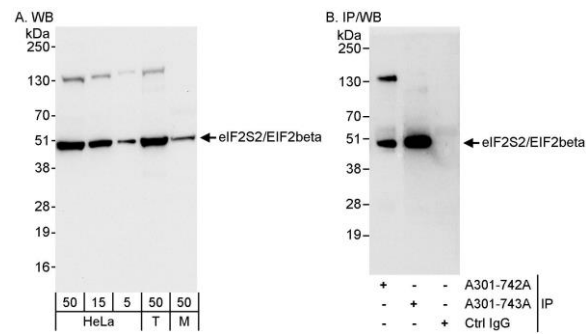
eIF2beta/EIF2S2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	Protein ID	NP_003899.2
Catalog No. A301-742A-T	GeneID	8894
Lot No. A301-742A-T-1		

APPLICATIONS	WB
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan
AMOUNT	10 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to eIF2beta/EIF2S2 immobilized on solid support. The epitope recognized by A301-742A-T maps to a region between residue 75 and 125 of human eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa using the numbering given in entry NP_003899.2 (GeneID 8894).
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 Not recommended. Use rabbit anti-eIF2beta/EIF2S2 antibody A301-743A.
ADDITIONAL INFO	https://www.bethyl.com/product/A301-742A-T 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: June 6, 2022



Detection of human and mouse eIF2beta/EIF2S2 by western blot (h&m) and immunoprecipitation (h).
Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-eIF2beta/EIF2S2 antibody A301-742A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. eIF2beta/EIF2S2 was immunoprecipitated more efficiently by rabbit anti-eIF2beta/EIF2S2 antibody A301-743A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A and B).