eIF2alpha/EIF2S1 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. IHC-00456-T

Lot No. IHC-00456-T-1

Protein ID NP_004085.1

GeneID 1965

APPLICATIONS	IHC, IHC-IF
SPECIES REACTIVITY	Human, Mouse
AMOUNT	10 µl
CONCENTRATION	100 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
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to eIF2alpha/EIF2S1 immobilized on solid support. The epitope recognized by IHC-00456-T maps to a region between residue 275 and the C-terminus (residue 315) of human Eukarytic Translation Initiation Factor 2, subunit 1 alpha, 35kDa using the numbering given in entry NP_004085.1 (GeneID 1965). Immunoglobulin 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.

Immunohistochemistry	1:100 - 1:500
Immunofluorescence (IHC)	1:50 - 1:500

APPLICATION NOTES	Epitope exposure is recommended. Epitope exposure with tris-EDTA pH9.0 buffer will enhance staining. Likely to work with frozen sections. In some cases, the antibody may be diluted further than indicated.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Colon Carcinoma CT26, Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	Please visit our website for additional product information.

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

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