

HDAC2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_001518.1
Catalog No. A300-705A	Uniprot ID	Q92769
Lot No. 2	GeneID	3066

APPLICATIONS	WB, IP, IHC, ChIP-Seq
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 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 HDAC2 immobilized on solid support. The epitope recognized by A300-705A maps to a region between residue 425 and the C-terminus (residue 488) of human Histone Deacetylase 2 using the numbering given in entry NP_001518.1 (GeneID 3066).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

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 1:2000 – 1:10,000 Immunoprecipitation 6 µg/mg lysate Immunohistochemistry 1:200 – 1:1000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. ChIP-Seq 10 µg as per Ram O et al., Cell. 2011 Dec 23;147(7):1628–39. Previous lots of this antibody have performed in this application.
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IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Skin Basal Cell Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Squamous Cell Carcinoma

ADDITIONAL INFO	https://www.fortislifesciences.com/p/A300-705A Use the link above to view SDS, a current list of citations, and other product specific information.
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: March 27, 2025