

# HDAC2 Antibody

Rabbit Polyclonal

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

<b>APPLICATIONS</b>	WB, IP, IHC, ChIP-Seq
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	200 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to HDAC2 immobilized on solid support.

The epitope recognized by A300-705A-T 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.

<b>APPLICATIONS</b>	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.

**IHC HUMAN CONTROLS** Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma

**IHC MOUSE CONTROLS** Squamous Cell Carcinoma

**ADDITIONAL INFO** <https://www.fortislifesciences.com/p/A300-705A-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: March 27, 2025