

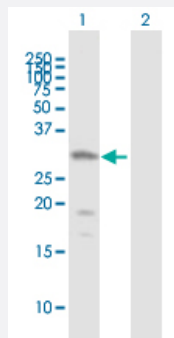
MaxPab®

HDAC7 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00051564-D01

Size 100 uL

Applications

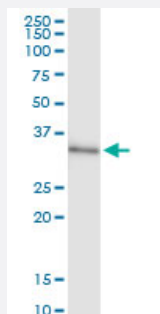


Western Blot (Transfected lysate)

Western Blot analysis of HDAC7A expression in transfected 293T cell line ([H00051564-T02](#)) by HDAC7A MaxPab polyclonal antibody.

Lane 1: HDAC7A transfected lysate(29.60 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of HDAC7 transfected lysate using anti-HDAC7 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HDAC7 MaxPab mouse polyclonal antibody (B01) ([H00051564-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HDAC7 protein.

Immunogen

HDAC7 (AAH06453.1, 1 a.a. ~ 276 a.a) full-length human protein.

Sequence

MGFCFFNSVAIACRQLQQQSKASKILMDWDVHHGNGTQQTFYQDPSVLYISLHRHDDGNFFPGS
GAVDEVGAGSGEGFNVNVAWAGGLDPPMGDPEYLAAFRVMPIAREFSPDLVLVSAGFDAAE
GHPAPLGGYHVSACFCGYMTQQLMNLAGGAVVLALEGGHDLTAICDASEACVAALLGNRVDPLS
EEGWKQKPNLNAIRSLEAVIRVHSKYWGCMQRLASCPDSWWPRVPGADKEEVEAVTALASLSV
GILAE DRPSEQLVEEEEP MNL

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — HDAC7

Entrez GeneID	51564
GeneBank Accession#	BC006453.1
Protein Accession#	AAH06453.1
Gene Name	HDAC7
Gene Alias	DKFZp586J0917, FLJ99588, HD7A, HDAC7A
Gene Description	histone deacetylase 7
Omim ID	606542
Gene Ontology	Hyperlink

Gene Summary

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

histone deacetylase 7A

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)