# [KO Validated] CHD1 Rabbit pAb

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Catalog No.: A7883 KO Validated 1 Publications

## **Basic Information**

## **Observed MW**

250kDa

## **Calculated MW**

197kDa

## Category

Primary antibody

## **Applications**

WB,IHC-P,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

## **Background**

The CHD family of proteins is characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. CHD genes alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template.

## **Recommended Dilutions**

**WB** 1:100 - 1:500

1:100 - 1:200 **IHC-P** 

Recommended starting **ELISA** concentration is 1 µg/mL.

> Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 1105 014646

## **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

CHD-1; PILBOS; D1

## **Contact**

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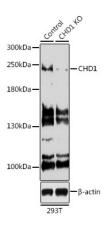
## **Product Information**

**Source** Isotype **Purification** Rabbit IgG Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from wild type (WT) and CHD1 knockout (KO) 293T cells, using [KO Validated] CHD1 Rabbit pAb (A7883) at 1:500 dilution.

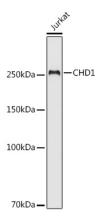
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from Jurkat cells, using [KO Validated] CHD1 Rabbit pAb (A7883) at 1:500 dilution.

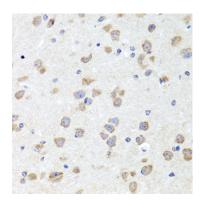
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

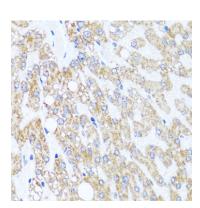
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

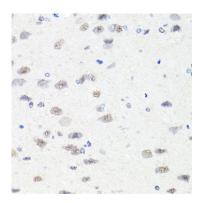
Exposure time: 90s.



Immunohistochemistry analysis of paraffinembedded Mouse brain using [KO Validated] CHD1 Rabbit pAb (A7883) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver damage using [KO Validated] CHD1 Rabbit pAb (A7883) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using [KO Validated] CHD1 Rabbit pAb (A7883) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.