

Product datasheet

Anti-CDYL antibody ab5188

★★★★★ [2 Abreviews](#) [13 References](#) [2 Images](#)

Overview

Product name	Anti-CDYL antibody
Description	Rabbit polyclonal to CDYL
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ChIP, WB, ChIP-sequencing
Species reactivity	Reacts with: Mouse, Rat, Human, African green monkey
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	This antibody gave a positive signal in COS7 cells transfected with Human CDYL (Whole Cell Lysate)
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab5188 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.
ChIP	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 22009739
WB	★★★★★ (1)	1/1000. Detects a band of approximately 80 kDa (predicted molecular weight: 66 kDa).
ChIP-sequencing		Use at an assay dependent concentration. PubMed: 22009739

Target

Function

Acts as repressor of transcription (By similarity). Has histone acetyltransferase activity, with a preference for histone H4.

Tissue specificity

Ubiquitous. Expressed at moderate levels in all tissues examined.

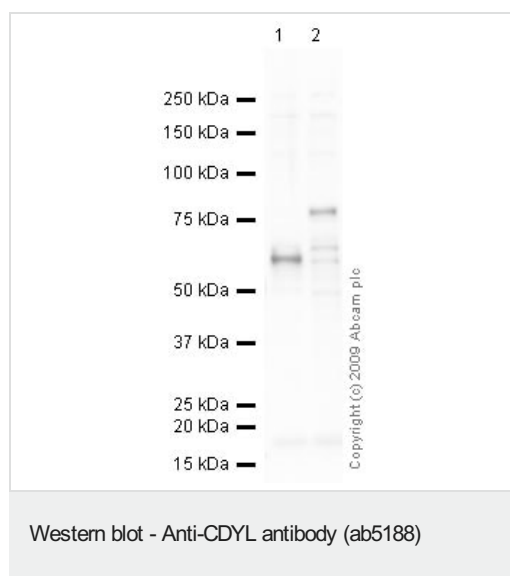
Sequence similarities

Contains 1 chromo domain.

Cellular localization

Nucleus.

Images



All lanes : Anti-CDYL antibody (ab5188) at 1 µg/ml

Lane 1 : COS-7 (African green monkey kidney fibroblast-like cell line) whole cell lysate - Untransfected

Lane 2 : COS7 CDYL (Human) Transfected Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

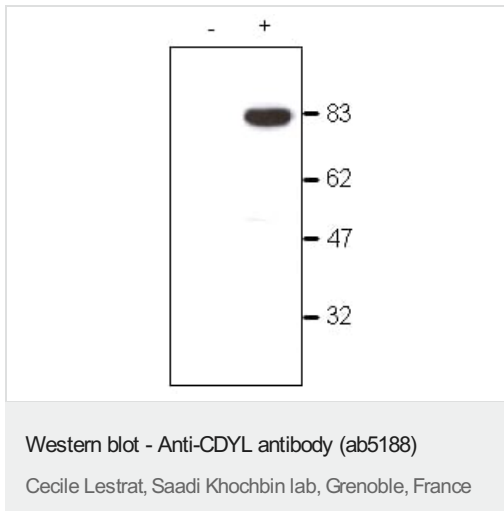
Predicted band size: 66 kDa

Observed band size: 80 kDa

Additional bands at: 60 kDa, 65 kDa. We are unsure as to the

identity of these extra bands.

Exposure time: 12 minutes



All lanes : Anti-CDYL antibody (ab5188) at 1/1000 dilution

Lane 1 : COS-7 (African green monkey kidney fibroblast-like cell line) whole cell lysate

Lane 2 : COS7 cells transfected with HA-CDYL-FLAG plasmid

Predicted band size: 66 kDa

Observed band size: 83 kDa

Rabbit polyclonal to CDYL (ab5188) at 1/1000.

Left lane (-) COS7 (monkey) cells.

Right lane (+) COS7 cells transfected with HA-CDYL-FLAG plasmid.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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