.-online.com antibodies

# Datasheet for ABIN185538 anti-DCDC2 antibody (Internal Region)

2 Images



### Overview

Quantity:	100 µg
Target:	DCDC2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DCDC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

### Product Details

Purpose:	DCDC2
Immunogen:	Peptide with sequence C-DGEKANKDAEQKED, from the internal region of the protein sequence according to NP_057440.2.
Sequence:	DGEKANKDAE QKED
lsotype:	IgG
Cross-Reactivity:	Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN185538 | 12/22/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Target:	DCDC2
Alternative Name:	DCDC2 (DCDC2 Products)
Background:	DCDC2, doublecortin domain containing 2, HGNC:18141, KIAA1154, RU2, RU2S, DCDC2A
Gene ID:	51473
NCBI Accession:	NP_057440

## Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows cytoplasm
	staining in select neurons. Recommended concentration, 5-10 $\mu$ g/mL. An anonymous
	customer found positive results in IHC on Rat retinal tissue. An anonymous customer found
	posi
	Western Blot: Full length recombinant human DCDC2 expressed in COS7 (Lane A), non-
	transfectant COS7 (lane B). Approx 52 kDa band observed (calculated MW of 52.8 kDa
	according to NP_057440.1). Data kindly provided by Wang and LoTurco, University of Connecti
	Peptide ELISA: antibody detection limit dilution 1:4000.

Restrictions:

For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN185538 | 12/22/2023 | Copyright antibodies-online. All rights reserved.



#### Immunohistochemistry

**Image 1.** ABIN185538 (5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**Image 2.** ABIN185538 (0.2µg/ml) staining of COS7 cell lysate transfected with full length recombinant human DCDC2 (A) and untransfected control COS7 cells (B). Primary incubation was 1 hour. Detected by chemiluminescence.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN185538 | 12/22/2023 | Copyright antibodies-online. All rights reserved.