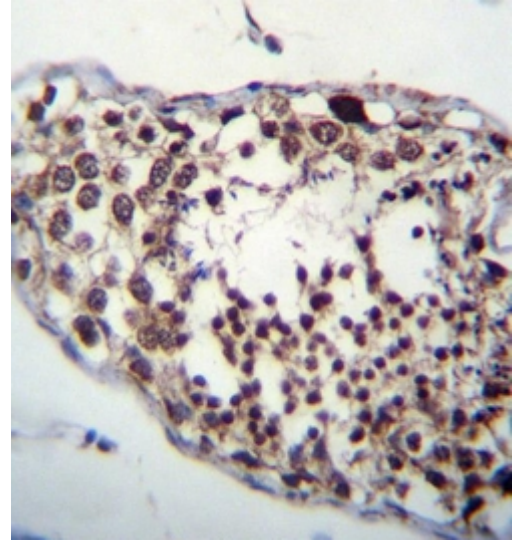


## Polyclonal Antibody to DCDC1 (C-term) - Aff - Purified

<b>Alternate names:</b>	Doublecortin domain-containing protein 1
<b>Catalog No.:</b>	AP51196PU-N
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	This gene encodes a member of the doublecortin family. The protein encoded by this gene is a hydrophilic, intracellular protein. It contains a single doublecortin domain and is unable to bind microtubules and to regulate microtubule polymerization. This gene is mainly expressed in adult testis. It does not have a mouse homolog
<b>Uniprot ID:</b>	<a href="#">P59894</a>
<b>NCBI:</b>	<a href="#">NP_861523</a>
<b>GeneID:</b>	<a href="#">341019</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 324-353 amino acids from the C-terminal region of Human DCDC1. <b>Genename:</b> DCDC1
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity Chromatography on Protein A <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human DCDC1 (C-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 39859 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Dijkmans, T.F., et al. <i>Cent Nerv Syst Agents Med Chem</i> 10(1):32-46 (2010). 2. Rivadeneira, F., et al. <i>Nat. Genet.</i> 41(11):1199-1206 (2009). 3. Reiner, O., et al. <i>BMC Genomics</i> 7, 188 (2006). 4. Zeng, L., et al. <i>J. Hum. Genet.</i> 48(7):393-396 (2003).

**Pictures:**

Formalin fixed, paraffin embedded human testis tissue stained with DCDC1 Antibody (C-term) Cat.-No AP51196PU-N followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western blot analysis of DCDC1 Antibody (C-term) Cat.-No AP51196PU-N in MCF-7 cell line lysates (35ug/lane). This demonstrates the DCDC1 antibody detected the DCDC1 protein (arrow).

