



BMA BIOMEDICALS



Peninsula Laboratories

Doublecortin Domain Containing 2 (DCDC2) (porcine)

Doublecortin Domain Containing Protein 2 is a protein encoded by the DCDC2 gene. This gene appears to have a strong link to speech information processing during writing. It has been shown that the doublecortin domain binds tubulin and increases microtubule polymerization. This protein is believed to function in neuronal migration, where it can influence the signaling of primary cilia.

This antibody was generated by immunization of rabbits with DCDC2 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-3565 (Lot 01PO24078)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Porcine
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized. Reconstitute by adding 50 µl of distilled water. Avoid vortexing. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Shelf life: one from despatch. Lyophilized vials: one year at 4°- 8°C. Stock solution: one year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Thr-Arg-Gly-Lys-Gln-Ans-Ala-Lys-Leu-Lys-Asn-Ser-Pro-Pro-Thr-Ile-Pro-Asn-Ser-Asp-Glu-Gly-Val-Phe-Lys-NH ₂ coupled to a carrier protein.
Protein database:	<u>porcine-F1RUF5</u>
Cross-Reactivity:	
PEPTIDE:	%:
DCDC2	100

Applications:

Tested in immunohistochemistry (IHC) and in ELISA. Other applications like IF, FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Paraffin sections: 1:1000; Proteinase K pretreatment for antigen retrieval is recommended.

Frozen sections: not tested yet.

Related Products:

S-1554: ELISA, high sensitivity for extracted samples (po)

This product contains no preservative and is intended for laboratory use and research purposes only.
Not for diagnostic or therapeutic applications.

T-3565

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