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DCN (vPair™) Antibodies

Cat#: R0472-vp

Uniprot ID: P07585

Predicted | Observed M.W.: 40 | 30 kDa

Quantity: 50 ul DCN (N) (R0472-1) Rabbit Polyclonal Antibody &

50 ul DCN (M) (R0472-3) Rabbit Polyclonal Antibody

Lot#: Refer to vial

Application: WB

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

DCN, decorin is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. It contains one attached glycosaminoglycan chain. DCN is capable of suppressing the growth of various tumor cell lines. Defects in DCN are the cause of congenital stromal corneal dystrophy.

Other Names:

DSPG2, SLRR1B

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [DCN (N) (R0472-1)] or the middle [DCN (M) (R0472-3)] region of human DCN. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

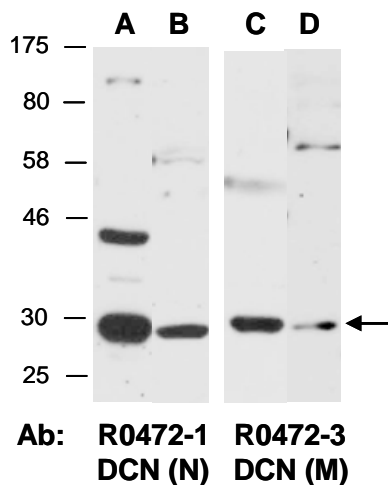


Fig 1. Western blot of total cell extracts from (A, C) mouse brain, (B, D) human MDA-MB231; using 2 independent Abs against 2 distinct regions of human DCN at RT for 2 h.