

Datasheet

DAND5 polyclonal antibody (A01)

Catalog Number: H00199699-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant DAND5.

Immunogen: DAND5 (NP_689867, 90 a.a. ~ 188 a.a) partial recombinant protein with GST tag.

Sequence:

PLNPQEVIQGMCKAVPFVQVFSRPGCSAIRLRNHLCF
GHCSSLYIPGSDPTPLVLCNSCMPARKRWAPVVLWCL
TGSSASRRRVKISTMLIEGCHCSPK

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 199699

Gene Symbol: DAND5

Gene Alias: CER2, CERL2, CKTSF1B3, COCO, CRL2, DANTE, GREM3, MGC126849, SP1

Gene Summary: This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted protein encoded by this gene is likely due to its direct binding to BMP

proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to bind Nodal and to inhibit the Nodal signaling pathway which patterns left/right body asymmetry. [provided by RefSeq]