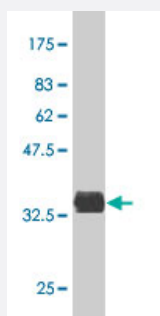


# DAND5 polyclonal antibody (A01)

Catalog # H00199699-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant DAND5.
<b>Immunogen</b>	DAND5 (NP_689867, 90 a.a. ~ 188 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	PLNPQEVIQGMCKAVPFVQVFSRPGCSAIRLRNHLFCFGHCSSLYIPGSDPTPLVLCNSCMPARKR WAPVVLWCLTGSSASRRRVKISTMLIEGCHCSPK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — DAND5

Entrez GeneID [199699](#)

GeneBank Accession# [NM\\_152654](#)

Protein Accession# [NP\\_689867](#)

Gene Name DAND5

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

Gene Description DAN domain family, member 5

Omim ID [609068](#)

Gene Ontology [Hyperlink](#)

**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]

**Other Designations** cerberus 2|cerberus-like 2|cysteine knot superfamily 1, BMP antagonist 3|dante