MaxPab®

DAND5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00199699-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DAND5 protein.
Immunogen	DAND5 (ADR82845.1, 1 a.a. ~ 189 a.a) full-length human protein.
Sequence	MLLGQLSTLLCLLSGALPTGSGRPEPQSPRPQSWAAANQTWALGPGALPPLVPASALGSWKAF LGLQKARQLGMGRLQRGQDEVAAVTLPLNPQEVIQGMCKAVPFVQVFSRPGCSAIRLRNHLCFG HCSSLYIPGSDPTPLVLCNSCMPARKRWAPVVLWCLTGSSASRRRVKISTMLIEGCHCSPKA
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — DAND5

Entrez GeneID	199699
GeneBank Accession#	HQ258091.1
Protein Accession#	ADR82845.1

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