

Datasheet for ABIN2790535
anti-DAND5 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DAND5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DAND5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human DAND5
Sequence:	SGALPTGSGR PEPQSPRPQS WAAANQTWAL GPGALPPLVP ASALGSWKAF
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against DAND5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DAND5
Alternative Name:	DAND5 (DAND5 Products)

Target Details

Background:	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. Alias Symbols: CER2, CERL2, CKTSF1B3, COCO, CRL2, DANTE, GREM3, MGC126849, SP1 Protein Size: 189
Molecular Weight:	21 kDa
Gene ID:	199699
NCBI Accession:	NM_152654 , NP_689867
UniProt:	Q8N907

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 189 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DAND5 Antibody Titration: 1.0 ug/ml Positive Control: Hela Whole cell