

## Product datasheet for **TA369570S**

### **DAND5 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human heart tissue IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	20 kDa
Gene Name:	DAN domain BMP antagonist family member 5
Database Link:	<a href="#">Entrez Gene 199699 Human Q8N907</a>

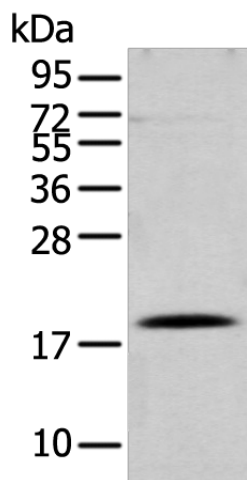
**Background:** This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal 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.



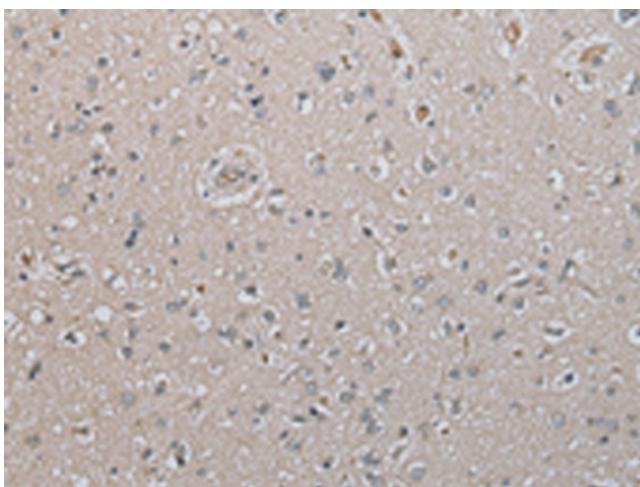
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**Synonyms:** CER2; Cerl-2; CERL2; CKTSF1B3; COCO; CRL2; dante; DTE; FLJ38607; GREM3; Gremlin-3; MGC126849; SP1

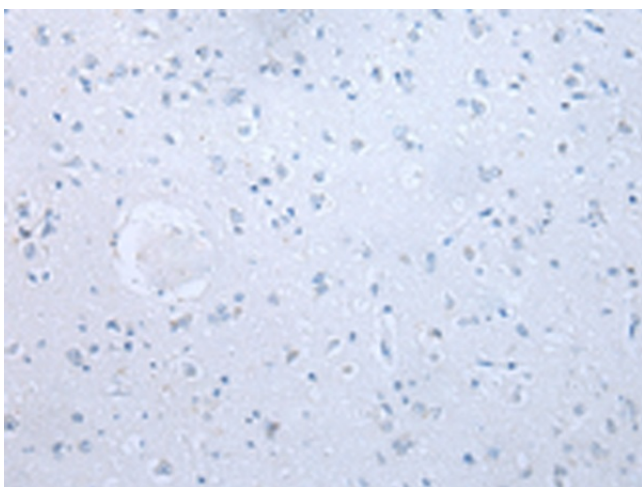
**Product images:**



Gel: 12%SDS-PAGE  
Lysate: 40 µg  
Lane: Human heart tissue  
Primary antibody: [TA369570] (DAND5 Antibody) at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 50 seconds



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA369570] (DAND5 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA369570] (DAND5 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )