10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-DAND5 Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18173

Product Information

Application	WB, IHC-P
Primary Accession	Q8N907
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	20180
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	199699
Alias Symbol	DAND5
Other Names	DAND5, CERL2, Cerberus-like protein 2, DAN domain family, member 5, DANTE, CER2, Cerberus-like 2, DAN domain family member 5, CKTSF1B3, COCO, DTE, GREM3, Gremlin-3, Cerberus 2, Cerl-2, CRL2
Target/Specificity	Human DAND5
Reconstitution & Storage	Affinity purified
Precautions	Anti-DAND5 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DAND5
Function	Antagonist of the extracellular signaling protein NODAL, which is required for correct left-right patterning during embryonic development (By similarity). Antagonist of BMP and TGF-beta signaling (PubMed:33587337). Independently of its role in left-right axis establishment, plays a role during heart development, possibly through the regulation of TGF-beta/Nodal signaling pathway (By similarity). Displays anti-angiogenic activity by inhibiting endothelial sprouting, migration, and proliferation. Once internalized by endothelial cells, may alter their redox and glycolytic balance (PubMed:33587337).
Cellular Location	Secreted. Note=Circulating DAND5 may be uptaken by endothelial cells and transported to mitochondria

Tissue Location	Expressed in the retina, in inner segments of photoreceptors, at or close to the outer plexiform layer and in the ganglion cell layer (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.