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DCST1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12275

Product Information

Application	WB, IHC
Primary Accession	Q5T197
Other Accession	NM_152494, NP_689707
Reactivity	Human, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80712

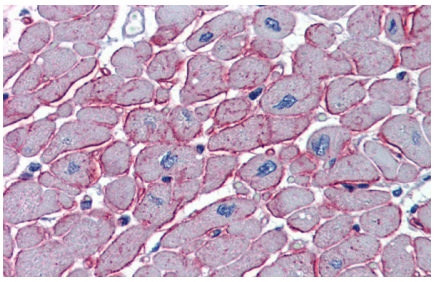
Additional Information

Gene ID	149095
Alias Symbol	FLJ32785, RP11-307C12.10
Other Names	DC-STAMP domain-containing protein 1, DCST1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DCST1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DCST1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

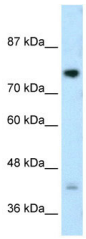
Protein Information

Name	DCST1
Function	E3 ubiquitin-protein ligase which mediates 'Lys-48'-linked ubiquitination of STAT2 and induces its proteasomal degradation thereby negatively regulating type-I-interferon signaling. Essential sperm cell-surface protein required for sperm-egg fusion and fertilization (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle, secretory vesicle, acrosome membrane {ECO:0000250|UniProtKB:Q059Y8}; Multi-pass membrane protein. Note=Localizes in the anterior acrosome before the acrosome reaction and then translocates to the equatorial segment in acrosome-reacted sperm {ECO:0000250|UniProtKB:Q059Y8}

Images



Immunohistochemistry with Human Heart lysate tissue at an antibody concentration of 5.0µg/ml using anti-DCST1 antibody



WB Suggested Anti-DCST1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

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