

# DCST1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12275

## Product Information

<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">Q5T197</a>
<b>Other Accession</b>	<a href="#">NM_152494</a> , <a href="#">NP_689707</a>
<b>Reactivity</b>	Human, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Rat, Rabbit, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	80712

## Additional Information

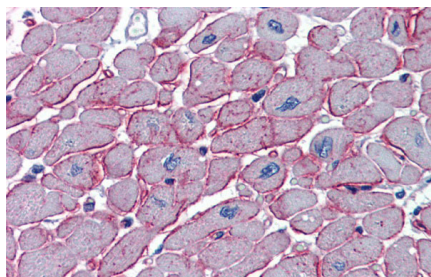
<b>Gene ID</b>	149095
<b>Alias Symbol</b>	FLJ32785, RP11-307C12.10
<b>Other Names</b>	DC-STAMP domain-containing protein 1, DCST1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled 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.
<b>Precautions</b>	DCST1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

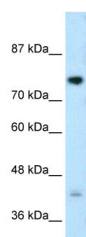
<b>Name</b>	DCST1
<b>Function</b>	E3 ubiquitin-protein ligase which mediates 'Lys-48'-linked ubiquitination of STAT2 and induces its proteasomal degradation thereby negatively regulating type-I-interferon signaling. Essential sperm cell-surface protein required for sperm-egg fusion and fertilization (By similarity).
<b>Cellular Location</b>	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'.