

# Product datasheet for TA365577S

## **CASQ1 Rabbit Polyclonal Antibody**

### **Product data:**

**Product Type: Primary Antibodies Applications:** IHC Recommended Dilution: IHC: 50-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm **Reactivity:** Human, Mouse, Rat Host: Rabbit Isotype: lgG **Clonality:** Polyclonal Immunogen: Fusion protein of human CASQ1 Formulation: pH7.4 PBS, 0.05% NaN3, 40% Glycerol **Purification:** Antigen affinity purification **Conjugation:** Unconjugated Store at -20°C. Storage: Stability: 1 year Gene Name: calsequestrin 1 Database Link: Entrez Gene 844 Human <u>P31415</u> **Background:** This gene encodes the skeletal muscle specific member of the calsequestrin protein family. Calsequestrin functions as a luminal sarcoplasmic reticulum calcium sensor in both cardiac and skeletal muscle cells. This protein, also known as calmitine, functions as a calcium regulator in the mitochondria of skeletal muscle. This protein is absent in patients with Duchenne and Becker types of muscular dystrophy. Synonyms: Calmitin; calmitine; CASQ; PDIB1

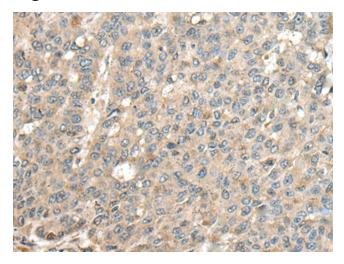


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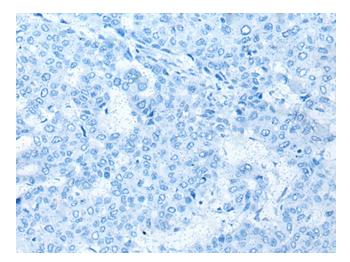
#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn **CASQ1** Rabbit Polyclonal Antibody – TA365577S

### **Product images:**



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA365577] (CASQ1 Antibody) at dilution 1/100 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA365577] (CASQ1 Antibody) at dilution 1/100, treated with fusion protein. (Original magnification: ×200)

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