

## **Product datasheet for TA342463**

# SEPN1 (SELENON) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB, IHC
Reactivity: Human
Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-SEPN1 antibody: synthetic peptide directed towards the C terminal

of human SEPN1. Synthetic peptide located within the following region:

ANYFLDITSVKPEEIESNLFSFSSTFEDPSTATYMQFLKEGLRRGLPLLQ

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 62 kDa

**Gene Name:** selenoprotein N, 1

Database Link: NP 065184

Entrez Gene 57190 Human

Q9NZV5

**Background:** This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active

site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Mutations in this gene cause the classical phenotype of multiminicore disease and congenital muscular dystrophy with spinal rigidity and restrictive respiratory syndrome. Two alternatively spliced transcript variants encoding distinct isoforms have been

found for this gene. [provided by RefSeq, Jul 2008]



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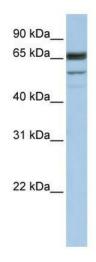
Synonyms: CFTD; MDRS1; RSMD1; RSS; SELN

**Note:** Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine:

100%; Guinea pig: 100%; Mouse: 93%; Zebrafish: 79%

**Protein Families:** Druggable Genome

### **Product images:**



WB Suggested Anti-SEPN1 Antibody Titration: 1 ug/ml; Positive Control: Hela cell lysate