



Anti-SEPN1 (aa 507-557) polyclonal antibody (CABT-BL3273)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to a region within C terminal amino acids 507-557 (NYFLDITSVK PEEIESNLFS FSSTFEDPST ATYMQFLKEG LRRGLPLLQP) of Human SEPN1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Endoplasmic reticulum membrane. Probably membrane-associated.
Format	Liquid
Buffer	2% Sucrose, 1X PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	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
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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.

GENE INFORMATION

Entrez Gene ID	57190
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Protein Refseq	NP_996809
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UniProt ID	Q9NZV5
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