

Datasheet for ABIN2459187

anti-Sep 15 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Sep 15 (SEP15)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sep 15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human Septin 15.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	Sep 15 (SEP15)
Abstract:	SEP15 Products
Background:	SEP15 is a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. Studies in mouse suggest that this selenoprotein may have redox function and may be involved in the quality control of protein folding. The gene that encodes the protein is localized on chromosome 1p31, a genetic locus commonly mutated or deleted in human cancers. This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The

Target Details

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. Studies in mouse suggest that this selenoprotein may have redox function and may be involved in the quality control of protein folding. This gene is localized on chromosome 1p31, a genetic locus commonly mutated or deleted in human cancers. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Molecular Weight: 15 kDa

Gene ID: 9403

NCBI Accession: [NP_004252](#)

UniProt: [O60613](#)

Application Details

Application Notes: Septin 15 antibody can be used for detection of Septin 15 by ELISA at 1:312500. Septin 15 antibody can be used for detection of Septin 15 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store Septin 15 antibody at -20 °C.



Western Blotting

Image 1.