

Datasheet for ABIN2783301
anti-Sep 15 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Sep 15 (SEP15)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Zebrafish (Danio rerio), Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sep 15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat sep15
Sequence:	LFRGLQIKYV RGSDPVLKLL DDNGNIAEEL SILKWNTDSV EEFLSEKLER
Predicted Reactivity:	Cow: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against sep15. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Sep 15 (SEP15)
Alternative Name:	sep15 (SEP15 Products)
Background:	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active

Target Details

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. The exact function of this protein is not known, however, it has been found to associate with UDP-glucose:glycoprotein glucosyltransferase (UGTR), an endoplasmic reticulum(ER)-resident protein, which is involved in the quality control of protein folding. The association with UGTR retains this selenoprotein in the ER, where it may play a role in protein folding.

Alias Symbols: -

Protein Interaction Partner: Rpl30,

Protein Size: 162

Molecular Weight: 17 kDa

Gene ID: 113922

NCBI Accession: [NM_133297](#), [NP_579831](#)

UniProt: [Q923V8](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 162 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: sep15 Sample Type: Rat Thymus lysates Antibody Dilution: 1.0ug/ml