

**Product Name: SEC61B Rabbit Polyclonal Antibody****Catalog #: APRab17695**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:50-1:200,ELISA 1:5000-1:20000

**Molecular Weight**

**Antigen Information**

<b>Gene Name</b>	SEC61B
<b>Alternative Names</b>	Protein transport protein Sec61 subunit beta
<b>Gene ID</b>	10952.0
<b>SwissProt ID</b>	P60468
<b>Immunogen</b>	Synthesized peptide derived from human SEC61B AA range: 30-110

**Background**

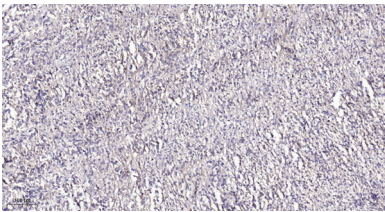
The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. Oligomers of the Sec61 complex form a transmembrane channel where proteins are translocated across and

integrated into the ER membrane. This complex consists of three membrane proteins- alpha, beta, and gamma. This gene encodes the beta-subunit protein. The Sec61 subunits are also observed in the post-ER compartment, suggesting that these proteins can escape the ER and recycle back. There is evidence for multiple polyadenylated sites for this transcript. [provided by RefSeq, Jul 2008],function:Necessary for protein translocation in the endoplasmic reticulum.,similarity:Belongs to the SEC61-beta family.,subunit:Heterotrimeric complex composed of SEC61-alpha, SEC61-beta and SEC61-gamma. Part of a complex composed of SEC61, SEC62 and SEC63. Interacts with SEC62.,

## Research Area

Signal Transduction; Protein Trafficking; ER Proteins

## Image Data



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200 (4° overnight) . 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .