

AP53833PU-N**Polyclonal Antibody to SEC61B (Center) - Aff - Purified****Alternate names:**

Protein transport protein Sec61 subunit beta

Quantity:

0.4 ml

Concentration:

lot specific

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.

Uniprot ID:[P60468](#)**NCBI:**[NP_006799](#)**GeneID:**[10952](#)**Host / Isotype:**

Rabbit / Ig

Immunogen:

KLH conjugated synthetic peptide between 41-70 amino acids from the Central region of Human SEC61B (NP_006799.1)

Genename: SEC61B**Format:****State:** Liquid purified Ig fraction**Purification:** Protein A column followed by peptide Affinity purification**Buffer System:** PBS with 0.09% (W/V) Sodium Azide as preservative**Applications:**

ELISA: 1/1,000.

Western blotting: 1/100-1/500.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Recognizes SEC61B (Center).

Species: Human, Mouse.

Other species not tested.

Add. Information:**Molecular Weight:** 9974 Da**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

General Readings:

1. Liao, H.J., et al. Cancer Res. 69(15):6179-6183(2009)
2. Wang, B., et al. Cell 133(6):1080-1092(2008)
3. Liao, H.J., et al. Mol. Biol. Cell 18(3):1064-1072(2007)

4. Olsen, J.V., et al. Cell 127(3):635-648(2006)

Pictures:

Western blot analysis of SEC61B Antibody (Center) Cat.-No AP53833PU-N in Mouse liver tissue lysates (35ug/lane). This demonstrates the SEC61B antibody detected the SEC61B protein (arrow).

