(KO Validated) SEC61B Polyclonal Antibody

catalog number: **E-AB-66577**

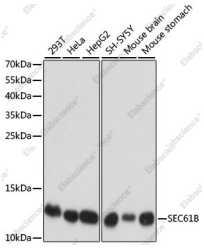
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human SEC61B (NP_006799.1)
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

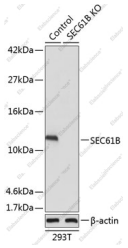
Data



Western blot analysis of extracts of various cell lines using SEC61B Polyclonal Antibody at dilution of 1:1000.

Observed-MW:12 kDa

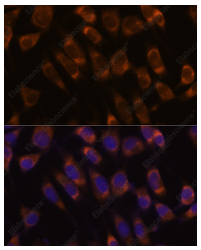
Calculated-MW:9 kDa



Western blot analysis of extracts from normal (control) and SEC61B knockout (KO) 293T cells using SEC61B Polyclonal Antibody at dilution of 1:1000.

Observed-MW:12 kDa

Calculated-MW:9 kDa



Immunofluorescence analysis of L929 cells using SEC61B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (E R) 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.

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