BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Translocation protein SEC62 SEC62 Antibody

Catalog Number: A05906

About SEC62

SEC62 is an integral membrane protein located in the rough endoplasmic reticulum (ER) and is part of the SEC61-SEC62-SEC63 complex that is the central component of the protein translocation apparatus of the ER membrane. It is speculated that SEC61-SEC62-SEC63 may perform post-translational protein translocation into the ER and might also perform the backward transport of ER proteins that are subject to the ubiquitin-proteasome-dependent degradation pathway. Silencing of this gene with RNAi dramatically reduced the migration and invasive potential of numerous tumor cell lines, suggesting that it may be an attractive target for therapy of various tumors.

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Overview

Product Name	Anti-Translocation protein SEC62 SEC62 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Translocation protein SEC62 SEC62 Antibody (Catalog # A05906). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SEC62 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SEC62 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q99442

Technical Details

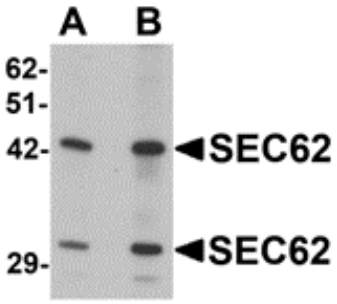
Immunogen	SEC62 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SEC62. The immunogen is located within amino acids 270 - 320 of SEC62.
Predicted Reactive Species	Chicken
Cross Reactivity	SEC62 antibody is predicted to not cross-react with other SEC proteins. Multiple isoforms of SEC62

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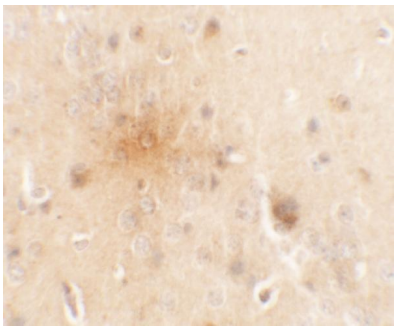
	are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SEC62 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SEC62 antibody can be used for detection of SEC62 by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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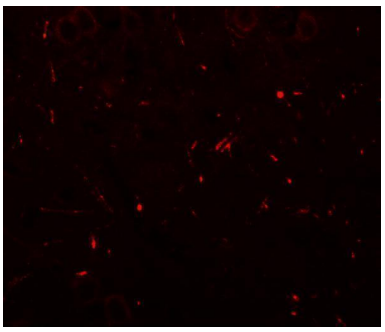
Anti-Translocation protein SEC62 SEC62 Antibody (A05906) Images



Western blot analysis of SEC62 in rat brain tissue lysate with SEC62 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of SEC62 in mouse brain tissue with SEC62 antibody at 5 ug/mL.



Immunofluorescence of SEC62 in mouse brain tissue with SEC62 antibody at 20 ug/mL.

Anti-Translocation protein SEC62 SEC62 Antibody

For Research Use Only. Not for use in diagnostic procedures.