BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-ECRG2 SPINK7 Antibody

Catalog Number: A11563

About SPINK7

The esophageal cancer-susceptibility gene 2 (ECRG2), also known as SPINK7, is a novel tumor suppressor gene identified from the human esophagus. It interacts directly with metallothionein 2A and urokinase-type plasminogen activator (uPA), and downregulates the activity of uPA, leading to reduced cancer cell migration, invasion and metastasis. ECRG2 forms a complex with uPA and its receptor uPAR, modifying the dynamic association of uPAR with beta1 integrins and disrupting the Src/MAP kinase pathway that normally stimulates cell migration and invasion. ECRG2 may thus represent a novel therapeutic target for cancer.

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Overview

Product Name	Anti-ECRG2 SPINK7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ECRG2 SPINK7 Antibody (Catalog # A11563). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	ECRG2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ECRG2 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	Chicken
Uniprot ID	P58062

Technical Details

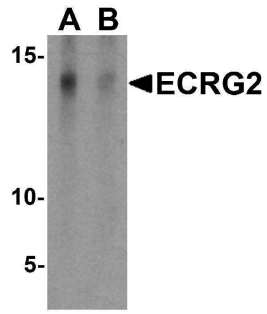
Immunogen	ECRG2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human ECRG2. The immunogen is located within the last 50 amino acids of ECRG2.
Cross Reactivity	ECRG2 antibody is predicted to not cross-react with other ECRG family members
Isotype	IgY

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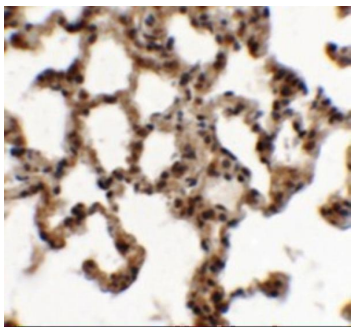
Form	Liquid
Concentration	1 mg/mL
Purification	ECRG2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ECRG2 antibody can be used for detection of ECRG2 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in mouse samples and Immunohistochemistry in rat 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-ECRG2 SPINK7 Antibody (A11563) Images



Western blot analysis of ECRG2 in A-20 cell lysate with ECRG2 antibody at 1 ug/mL in the (A) absence and (B) presence of blocking peptide.



Immunohistochemistry of ECRG2 in rat lung tissue with ECRG2 antibody at 5 ug/mL.

Anti-ECRG2 SPINK7 Antibody

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