

Datasheet for ABIN1450063
anti-SPINK7/ECRG2 antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	SPINK7/ECRG2 (SPINK7)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This SPINK7/ECRG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid synthetic peptide near the carboxy terminus of Human ECRG2
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	SPINK7/ECRG2 (SPINK7)
Alternative Name:	ECRG-2 (SPINK7 Products)
Background:	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,

Target Details

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. Synonyms: ECG2, Esophagus cancer-related gene 2 protein, MGC133105, MGC133106, SPINK7, Serine protease inhibitor Kazal-type 7, UNQ745/PRO1474

Gene ID: 84651

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

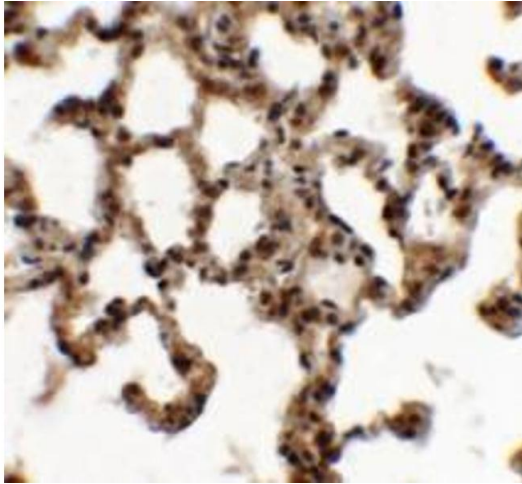
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

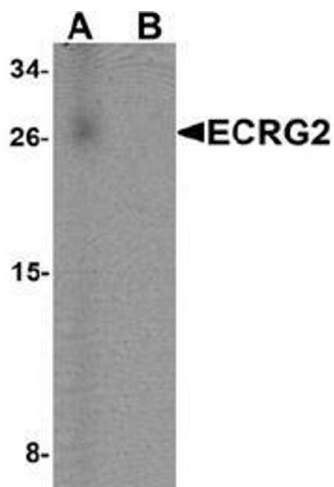
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of ECRG2 in rat lung tissue with ECRG2 antibody at 5 ug/mL.



Western Blotting

Image 2. Western blot analysis of ECRG2 in human lung tissue lysate with ECRG2 Antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.