

Anti-ECRG1 TMPRSS11A Antibody

Catalog Number: A09776

About TMPRSS11A

Epidermal type-II transmembrane serine protease (ECRG1), also known as TMPRSS11A, is a member of a novel esophageal cancer-related gene family. It is a type-II transmembrane serine protease which may play a role in cellular senescence. It is expressed in esophagus, liver, colon and lung. Overexpression of ECRG1 inhibits cell growth and induces G1 cell cycle arrest. It is down-regulated in esophagus cancers (EC) and might play important roles in the initiation and progression of EC.

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Overview

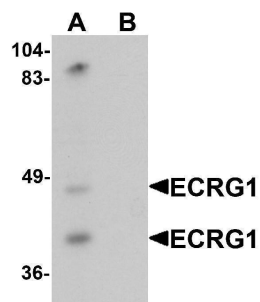
Product Name	Anti-ECRG1 TMPRSS11A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ECRG1 TMPRSS11A Antibody (Catalog # A09776). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	ECRG1 Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	ECRG1 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	Q6ZMR5

Technical Details

Immunogen	ECRG1 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human ECRG1. The immunogen is located within amino acids 300 - 350 of ECRG1.
Cross Reactivity	At least two isoforms of ECRG1 are known to exist; ECRG1 antibody is predicted to not cross-react with other ECRG family members.
Isotype	IgY

Form	Liquid
Concentration	1 mg/mL
Purification	ECRG1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ECRG1 antibody can be used for detection of ECRG1 by Western blot at 1 ug/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-ECRG1 Tmprss11a Antibody (A09776) Images



Western blot analysis of ECRG1 in mouse liver tissue lysate with ECRG1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

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