BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ECRG4 C2orf40 Antibody

Catalog Number: A10864

About C2ORF40

The esophageal cancer-related gene 4 (ECRG4), also known as Augurin, was identified through differential display screening between esophageal cancer and normal tissue. Hypermethylation of CpG sites in the ECRG4 promoter correlate with ECRG4 downregulation in numerous esophageal squamous cell carcinoma tissues.. In transfected cells, overexpression of ECRG4 induced G1 arrest, dephosphorylation of Rb and decreased expression of cyclins D1 and D3. Increased expression of ECRG4 in aged mouse brain is observed compared with young mouse brain. The increased ECRG4 level was accompanied by elevated senescence-associated acidic beta-galactosidase activity, suggesting that ECRG4 is involved in cellular differentiation and senescence.

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Overview

Product Name	Anti-ECRG4 C2orf40 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ECRG4 C2orf40 Antibody (Catalog # A10864). Tested in ELISA, WB, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, ICC, WB
Clonality	Polyclonal
Formulation	ECRG4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ECRG4 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	Q9H1Z8

Technical Details

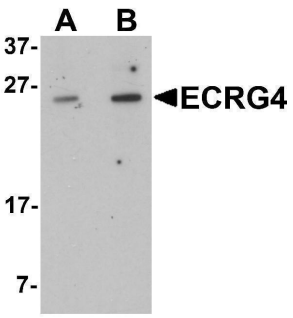
Immunogen	ECRG4 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human ECRG4. The immunogen is located within the last 50 amino acids of ECRG4.
Predicted Reactive Species	Bovine

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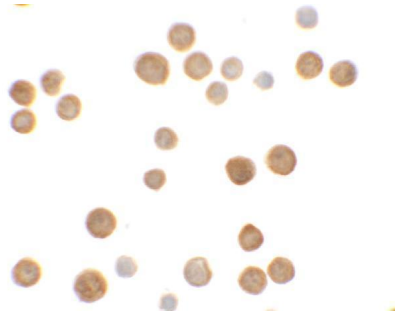
Cross Reactivity	ECRG4 antibody is predicted to not cross-react with other ECRG family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ECRG4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ECRG4 antibody can be used for detection of ECRG4 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human 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-ECRG4 C2orf40 Antibody (A10864) Images



Western blot analysis of ECRG4 in HeLa cell lysate with ECRG4 antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of ECRG4 in HeLa cells with ECRG4 antibody at 5 ug/mL.

Anti-ECRG4 C2orf40 Antibody

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