

Datasheet for ABIN1450064
anti-C2orf40 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	C2orf40
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C2orf40 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	20 amino acid synthetic peptide near the carboxy terminus of Human ECRG4
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	C2orf40
Alternative Name:	Augurin (C2orf40 Products)
Background:	The esophageal cancer-related gene 4 (ECRG4), also known as Augurin, was identified through differential display screening between esophageal cancer and normal tissue. Hypermethylation

Target Details

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.Synonyms: C2orf40, ECRG4

Gene ID:	84417
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Concentration:	1.0 mg/mL
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Buffer:	PBS containing 0.02 % Sodium Azide as preservative
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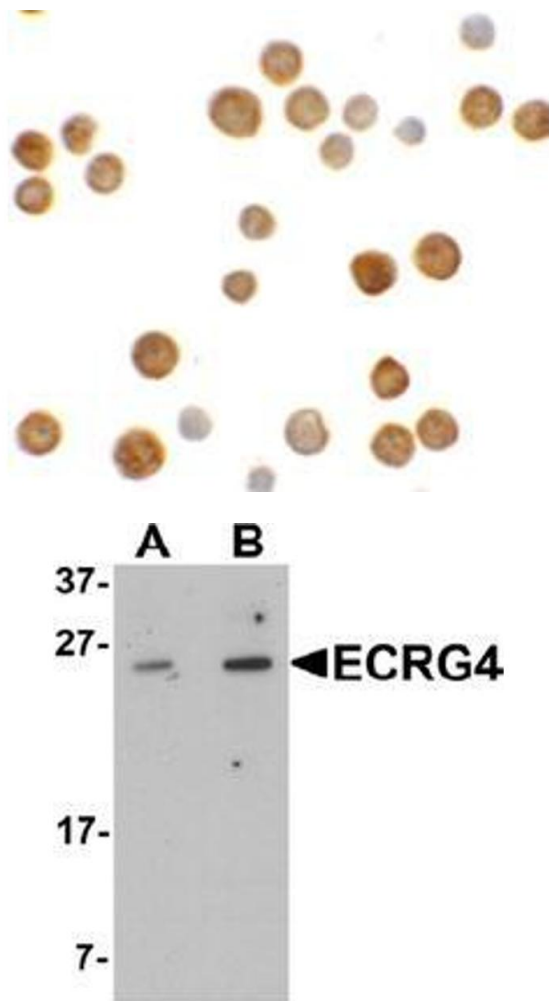
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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Storage:	4 °C/-20 °C
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Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
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Immunofluorescence

Image 1. Immunocytochemistry of ECRG4 in HeLa cells with ECRG4 antibody at 5 ug/mL.

Western Blotting

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