

Product datasheet for **TA320049**

ECRG4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ECRG4 antibody was raised against a 20 amino acid synthetic peptide near the carboxy terminus of human ECRG4.
Formulation:	ECRG4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ECRG4 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	chromosome 2 open reading frame 40
Database Link:	NP_115787 Entrez Gene 84417 Human Q9H1Z8
Background:	ECRG4 Antibody: 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.

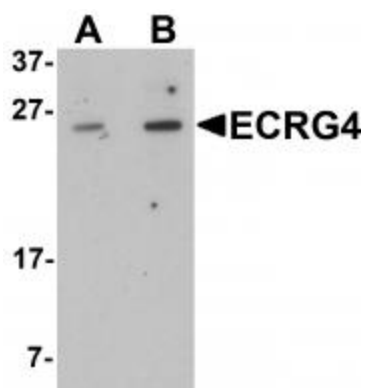


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Synonyms: ECRG4

Protein Families: Secreted Protein, Transmembrane

Product 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.