

Rabbit anti-Human, Mouse ECRG4 Polyclonal Antibody | anti-ECRG4 antibody

ECRG4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321049	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

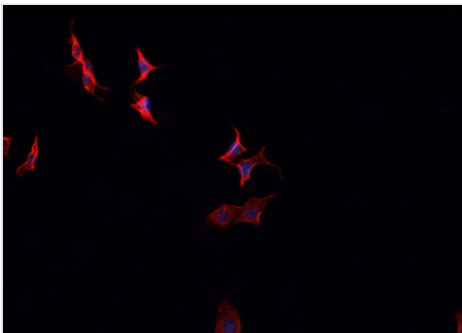
PRODUCT SYNONYMS

ECRG4; Polyclonal Antibody; ECRG4 Antibody; AUGN_HUMAN; Augurin; C2orf40; Esophageal cancer-related gene 4 protein; anti-ECRG4 antibody

PRODUCT SPECIFICATIONS

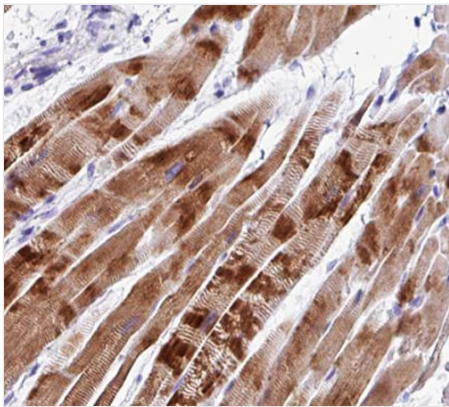
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ECRG4 antibody detects endogenous levels of ECRG4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	148
Applicable Applications for anti-ECRG4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthesized peptide derived from human ECRG4
Subcellular Location	Secreted. Cytoplasmic Vesicle > Secretory Vesicle.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321049 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA321049 at 1/100 staining human Skeletal muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ECRG4 antibody	Description: C2orf40 Probable hormone. Belongs to the augurin family. Function: Probable hormone that may induce senescence of oligodendrocyte and neural precursor cells, characterized by G1 arrest, RB1 dephosphorylation and accelerated CCND1 and CCND3 proteasomal degradation. Similarity: Belongs to the augurin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14165276
NCBI GeneID	84417
NCBI Accession #	NP_115787.1
NCBI GenBank Nucleotide #	NM_032411.2
UniProt Accession #	Q9H1Z8; D3DVK2
Molecular Weight	Observed: 17 kDa Predicted: 18 kDa
NCBI Official Full Name	augurin
NCBI Official Synonym Full Names	chromosome 2 open reading frame 40
NCBI Official Symbol	C2orf40
NCBI Official Synonym Symbols	ECRG4
NCBI Protein Information	augurin
UniProt Protein Name	Augurin
UniProt Gene Name	C2orf40
UniProt Synonym Gene Names	ECRG4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.