

Rabbit anti-Human C2orf40 Polyclonal Antibody | anti-C2orf40 antibody

C2orf40 Antibody

CATALOG # AAA303390	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

C2orf40; Polyclonal Antibody; C2orf40 Antibody; ECRG4; anti-C2orf40 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total C2orf40 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.2 mg/ml (varies by lot)
Sequence Length	148
Applicable Applications for anti-C2orf40 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human chromosome 2 open reading frame 40
Target Name	C2orf40
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/20.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-C2orf40 antibody	ECRG4 (esophageal cancer-related gene 4 protein), also known as augurin or C2orf40, is a 148 amino acid secreted protein. Belonging to the augurin family, ECRG4 is thought to be a hormone. It has also been suggested that ECRG4 may act as a tumor suppressor. The gene that encodes ECRG4 maps to human chromosome 2, which consists of 237 million bases encoding over 1,400 genes, making up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alström syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes.
Product Categories/Family for anti-C2orf40 antibody	Total protein Ab

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	17,183 Da
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
UniProt Entry Name	AUGN_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c2orf40-antibody-immunohistochemistry-elisa/303390>