

CUTA Antibody

Catalog No: #46995

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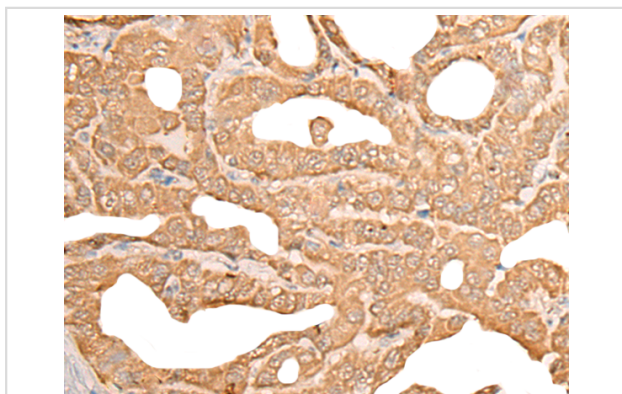
Description

Product Name	CUTA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CUTA protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human CUTA
Target Name	CUTA
Other Names	ACHAP; C6orf82
Accession No.	Swiss-Prot#:O60888NCBI Gene ID:51596Gene Accssion:BC005890
Uniprot	O60888
GeneID	51596;
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20C

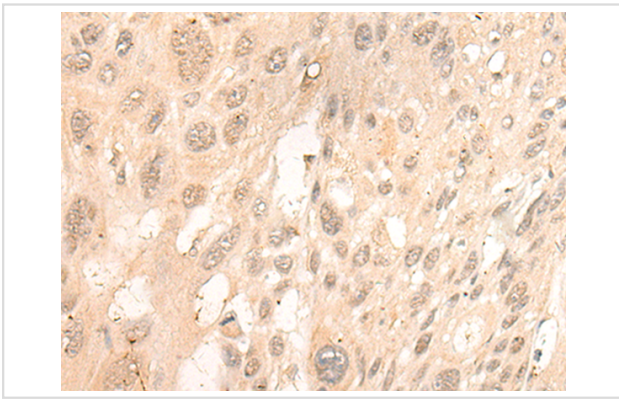
Application Details

Immunofluorescence:1: 40-200

Images



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46995(CUTA Antibody) at dilution 1/45. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46995(CUTA Antibody) at dilution 1/45. (Original magnification: ?00)

Background

CUTA, also known as ACHAP (acetylcholinesterase-associated protein), is the 179 amino acid mammalian homolog of the cutA *E. coli* protein and is ubiquitously expressed, particularly in brain tissue. Existing as multiple alternatively spliced isoforms, CUTA functions as a homotrimer that is thought to act as a component of an acetylcholinesterase (AChE)-attached complex, suggesting an involvement in AChE regulation. The gene encoding CUTA maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinsons disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

Note: This product is for in vitro research use only