

UBL4B Antibody

Catalog No: #42802

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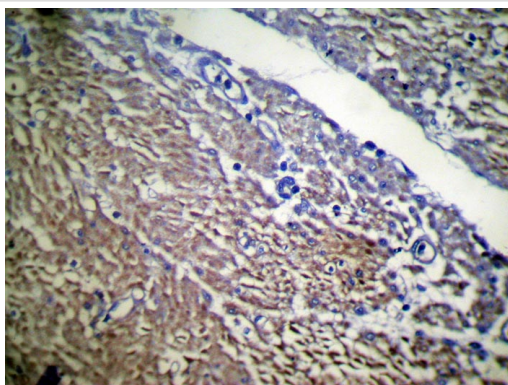
Description

Product Name	UBL4B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UBL4B protein.
Immunogen Description	Full length fusion protein of human UBL4B
Target Name	UBL4B
Other Names	FLJ25690; ubiquitin-like 4B; Ubiquitin-like protein 4B
Accession No.	Swiss-Prot#: Q8N7F7Gene ID: 164153
Uniprot	Q8N7F7
GeneID	164153;
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:100-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human Esophagus cancer tissue using #42802 at dilution 1/100.

Background

Ubiquitin is a 77 amino acid protein that targets proteins for degradation by the 26S proteasome. Ubiquitin-like proteins are not directly involved in protein degradation, but appear to have many mechanistic similarities with the ubiquitin pathway. UBL4B (Ubiquitin-like protein 4B) is a 174 amino acid cytoplasmic protein that contains a ubiquitin-like domain. UBL4B likely arose by retroposition during mammalian evolution from UBL4A, an X-linked intron-bearing housekeeping gene. While UBL4A is highly conserved, UBL4B has undergone rapid evolution and may have evolved new functions. Expression of UBL4B is restricted to post-meiotic germ cells in testis and ovarian tissue, where it likely functions in post-translational protein

modification.

Note: This product is for in vitro research use only