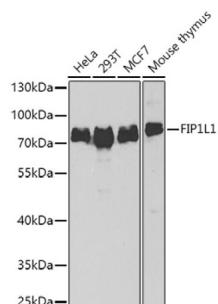
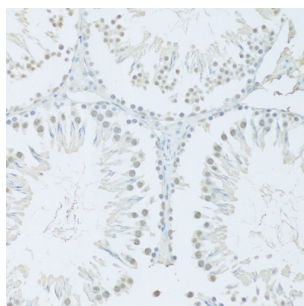


Pre-mRNA 3'-End-Processing Factor FIP1 (FIP1L1) Antibody

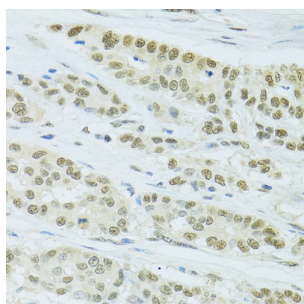
Catalogue No.: abx005389



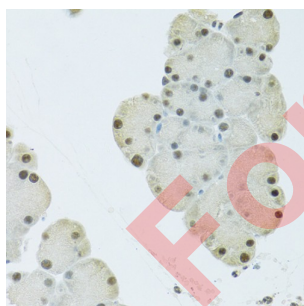
Western blot analysis of extracts of various cell lines using FIP1L1 Antibody (1/1000 dilution).



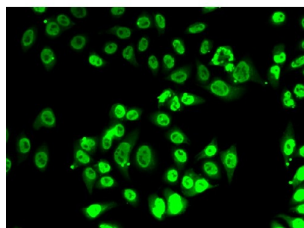
Immunohistochemistry of paraffin-embedded Rat testis using FIP1L1 Antibody (1/100 dilution, 20x lens).



Immunohistochemistry of paraffin-embedded Human colon carcinoma using FIP1L1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse pancreas using FIP1L1 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of A-549 cells using FIP1L1 Antibody

Datasheet

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FIP1L1 Antibody is a Rabbit Polyclonal antibody against FIP1L1. This gene encodes a subunit of the CPSF (cleavage and polyadenylation specificity factor) complex that polyadenylates the 3' end of mRNA precursors. This gene, the homolog of yeast Fip1 (factor interacting with PAP), binds to U-rich sequences of pre-mRNA and stimulates poly(A) polymerase activity. Its N-terminus contains a PAP-binding site and its C-terminus an RNA-binding domain. An interstitial chromosomal deletion on 4q12 creates an in-frame fusion of human genes FIP1L1 and PDGFRA (platelet-derived growth factor receptor, alpha). The FIP1L1-PDGFRA fusion gene encodes a constitutively activated tyrosine kinase that joins the first 233 amino acids of FIP1L1 to the last 523 amino acids of PDGFRA. This gene fusion and chromosomal deletion is the cause of some forms of idiopathic hypereosinophilic syndrome (HES). This syndrome, recently reclassified as chronic eosinophilic leukemia (CEL), is responsive to treatment with tyrosine kinase inhibitors. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Target:	Pre-mRNA 3'-End-Processing Factor FIP1 (FIP1L1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human FIP1L1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q6UN15 (UniProt , ExPASy)
Gene Symbol:	FIP1L1
GeneID:	81608
NCBI Accession:	NP_001128409.1
KEGG:	hsa:81608
String:	9606.ENSP00000336752

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Molecular Weight: Calculated MW: 40 kDa/58 kDa/65 kDa/66 kDa
Observed MW: 80 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only