Datasheet for ABIN7263123

anti-FIP1L1 antibody

5 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	FIP1L1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FIP1L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human FIP1L1 (NP_001128409.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	FIP1L1
Alternative Name:	FIP1L1 (FIP1L1 Products)
Background:	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

Target Details

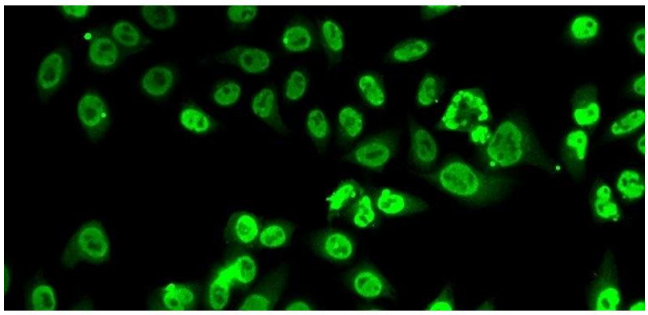
	RNA-binding domain. An interstitial chromosomal deletion on 4q12 creates an in-frame fusion of human genes FIP1L1 and PDGFRA (platelet-derived growth factor receptor, alpha). The FIP1L1-PDGFRA fusion gene encodes a constitutively activated tyrosine kinase that joins the first 233 amino acids of FIP1L1 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.
Molecular Weight:	Observed_MW: 80 kDa Calculated_MW: 40 kDa/58 kDa/65 kDa/66 kDa
Gene ID:	81608
UniProt:	Q6UN15

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:100
Restrictions:	For Research Use only

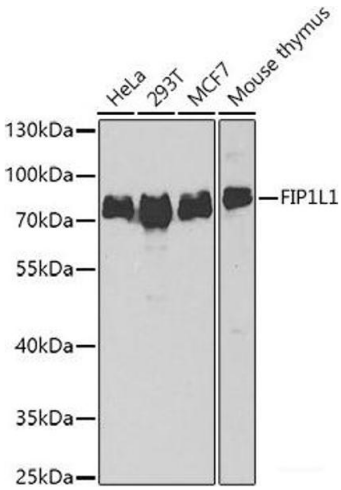
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



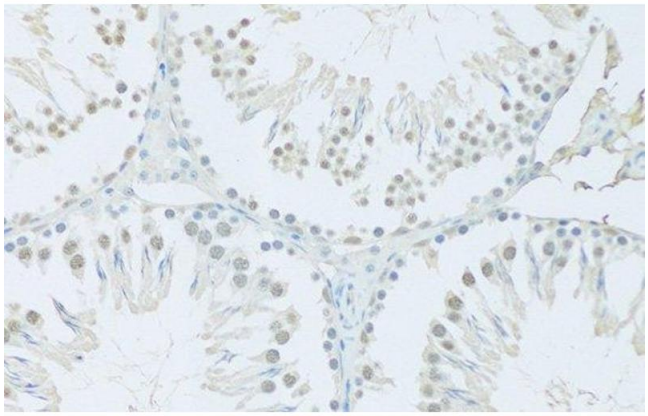
Immunofluorescence

Image 1. Immunofluorescence analysis of A-549 cells using FIP1L1 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using FIP1L1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat testis using FIP1L1 Polyclonal Antibody at dilution of 1:100 (20x lens).

Please check the product details page for more images. Overall 5 images are available for ABIN7263123.