67kDa

## CAB7138



## **Product Information**

Product SKU:	CAB7138	Gene ID:	81608		Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit		<b>Reactivity</b> :	Human, Mouse, Rat
Additional In	nformation					
Observed MW:	75kDa		Conjugate:	Unconjugate	d	

lsotype:

lgG

## Immunogen Information

Calculated MW:

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 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.
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:100
Synonyms:	Rhe; FIP1; hFip1; FIP1L1
Purifcation Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human
	FIP1L1 (NP_001128409.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.