

DNAXPAb

Hard-to-Find
Antibody

FIP1L1 DNAXPab

Catalog # H00081608-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FIP1L1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MITSDFHNTSFFKSGFFILFAYLFICLFYLDENEVERPEEENASANPPSGIEDETAENGVPKPKVT ETEDDSDSDSDDEDDVHVTIGDIKTGAPQYGSYGTAPVNLNIKTGGRVYGTGTVKGVLDLAP GSINGVPLLEVLDLSFEDKPWRKPGADLSDYFNNGFNEDTWKAYCEKQKRIRMGLEVIPVTSTTN KITVQQGRTGNSEKETALPSTKAEFTSPPSLFKTGLPPSRNSTSSQSQTSTASRKANSSVGKWQ DRYGRAESPDLRRLPRAIDVIGQTITISRVEGRRRANENSNIQVLSERSATEVDNNFSKPPFFPPG APPTHLPPLPPFLPPPPTVSTAPPLIPPPGFPPPGAPPPSLIPTIESGHSSGYDSRSARAFPYGNV AFPHLPGSAPSWPSLVDTSKQWDYYARREKDRDRERDRDRERDRDRERERTRETERERERDH SPTPSVFNSDEERYRYREYAERGYERHRASREREERHRERRHREKEETRHKSSRSNSRRRHES EEGDSHRRHKHKKSKRSKEGKEAGSEPAPEQESTETPAE
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — FIP1L1

Entrez GeneID [81608](#)

GeneBank Accession# [BC052959.1](#)

Protein Accession# [AAH52959.1](#)

Gene Name FIP1L1

Gene Alias DKFZp586K0717, FLJ33619, Rhe

Gene Description FIP1 like 1 (S. cerevisiae)

Omim ID [607686](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations FIP1 like 1|rearranged in hypereosinophilia