DAAM1 Antibody

PACO19541

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:50-1:200

Protein Background:

Constitutes one of the two catalytic subunit of the tRNA-splicing endonuclease complex, a complex responsible for identification and cleavage of the splice sites in pre-tRNA. It cleaves pre-tRNA at the 5'- and 3'-splice sites to release the intron. The products are an intron and two tRNA half-molecules bearing 2',3'-cyclic phosphate and 5'-OH termini. There are no conserved sequences at the splice sites, but the intron is invariably located at the same site in the gene, placing the splice sites an invariant distance from the constant structural features of the tRNA body. Isoform 1 probably carries the active site for 5'-splice site cleavage. The tRNA splicing endonuclease is also involved in mRNA processing via its association with pre-mRNA 3'-end processing factors, establishing a link between pre-tRNA splicing and pre-mRNA 3'-end formation, suggesting that the endonuclease subunits function in multiple RNA-processing events. Isoform 2 is responsible for processing a yet unknown RNA substrate.

Gene ID:

DAAM1

Uniprot

Q9Y4D1

Synonyms:

dishevelled associated activator of morphogenesis 1

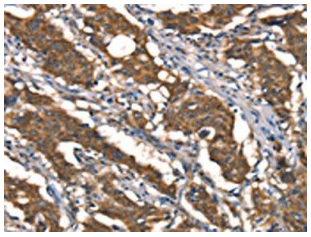
Immunogen:

Synthetic peptide of human DAAM1.

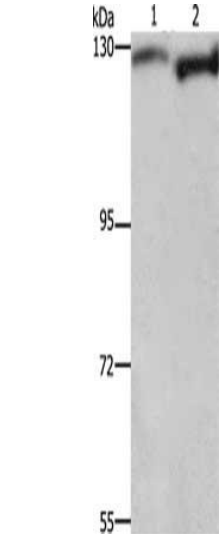
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

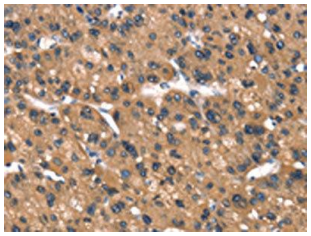
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO19541(DAAM1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 6%SDS-PAGE, Lysate: 40 μ g, Lane 1-2: Hela cells, 293T cells, Primary antibody: PACO19541(DAAM1 Antibody) at dilution 1/350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO19541(DAAM1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).

