FAM107A Polyclonal antibody, PBS Only

Catalog Number:**12176-1-PBS**

Featured Product

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Basic Information

Catalog Number:
12176-1-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2820

GenBank Accession Number:
BC010561

GeneID (NCBI):
11170

UNIPROT ID:
O95990

Full Name:
family with sequence similarity 107, member A

Calculated MW:
144 aa, 17 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

FAM107A, also named as TU3A, encodes a 144 amino-acid protein, which contains a coiled-coil domain and a nuclear localization signal. FAM107A as a transcription factor regulates some gene transcription and signal transduction in cell. With the exception of peripheral blood cells, FAM107A is widely expressed in normal tissues, but shows significant loss of expression in renal cell carcinomas and frequent loss of expression in cervical, gastric, ovarian and non small cell lung cancers. Transfection of FAM107A mRNA into cancer cell line inhibits cell growth and proliferation, supporting the evidence that the gene functions as an important tumor suppressor.
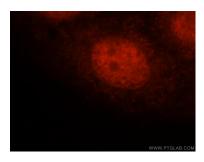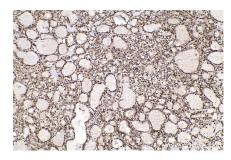
Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

Immunofluorescent analysis of MCF-7 cells, using FAM107A antibody 12176-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). This data was developed using the same antibody clone with 12176-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 12176-1-AP (FAM107A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12176-1-PBS in a different storage buffer formulation.