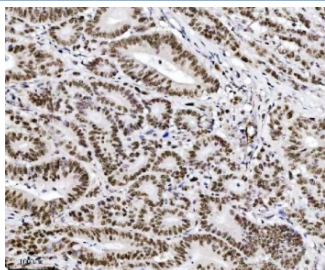


TRIM24 Antibody / TIF1 alpha / TIF1A [clone 4G6C2] (RQ7128)

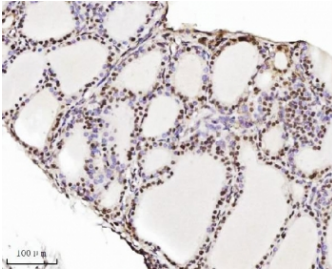
Catalog No.	Formulation	Size
RQ7128	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

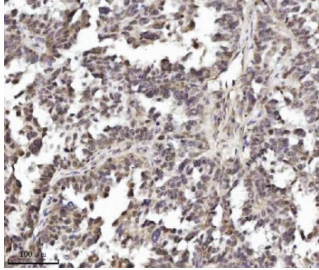
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	4G6C2
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15164
Localization	Nucleus, Cytoplasm
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml
Limitations	This TRIM24 antibody is available for research use only.



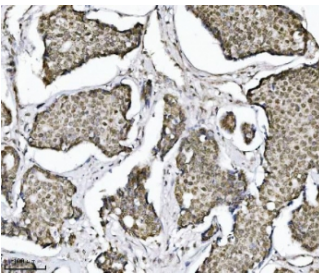
IHC staining of FFPE human adenocarcinoma of the colon tissue with TRIM24 antibody.
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



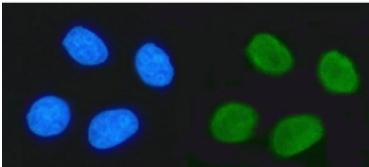
IHC staining of FFPE human thyroid cancer tissue with TRIM24 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



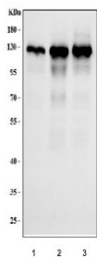
IHC staining of FFPE human ovarian serous tumor tissue with TRIM24 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human breast cancer tissue with TRIM24 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human MCF7 cells with TRIM24 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) MCF7 and 3) HepG2 cell lysate with TRIM24 antibody. Expected molecular weight: 117-140 kDa.

Description

Tripartite motif-containing 24 (TRIM24) also known as transcriptional intermediary factor 1a (TIF1a) is a protein that, in humans, is encoded by the TRIM24 gene. The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains - a RING, a B-box type 1 and a B-box type 2 - and a coiled-coil region. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Application Notes

Optimal dilution of the TRIM24 antibody should be determined by the researcher.

Immunogen

Recombinant human TRIM24 protein (amino acids A706-D964) was used as the immunogen for the TRIM24 antibody.

Storage

After reconstitution, the TRIM24 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.