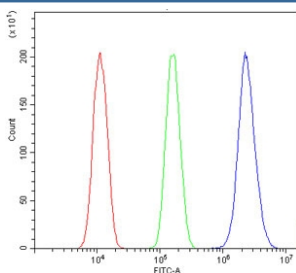


TIF1 alpha Antibody / TIF1A / TRIM24 (RQ5774)

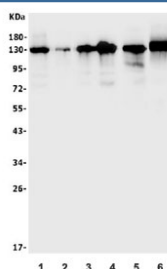
Catalog No.	Formulation	Size
RQ5774	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O15164
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This TIF1 alpha antibody is available for research use only.



Flow cytometry testing of human A431 cells with TIF1 alpha antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRIM24 antibody.



Western blot testing of human 1) HeLa, 2) MCF7, 3) SW620, 4) HepG2, 5) rat RH35 and 6) mouse HEPA1-6 lysate with TIF1 alpha 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 TIF1 alpha antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A706-D964) was used as the immunogen for the TIF1 alpha antibody.

Storage

After reconstitution, the TIF1 alpha antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.