Anti-KAP1 Antibody

R1210-2

Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse
Applications:	WB, IF-Cell, IHC-P, FC
Molecular Wt:	Predicted band size: 89 kDa

Description: TRIM28, also known as transcriptional intermediary factor 1β (TIF1β) and KAP1, is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. TIF1-beta mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors.

Immunogen: Synthetic peptide within human TRIM28 aa 415-459.

Positive control: Hela, NCCIT, F9, PC-3M, MCF-7, A431, human liver cancer tissue, human spleen tissue, human breast cancer tissue, human kidney tissue, mouse colon tissue, mouse kidney tissue.

Subcellular location: Nucleus

Database links: SwissProt: Q13263 Human | Q62318 Mouse

Recommended Dilutions:

WB	1:500-1:2,000
IF-Cell	1:50-1:200
IHC-P	1:50-1:200
FC	1:50-1:100

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4℃. Store at +4℃ short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20℃ long term.

Purity: Immunogen affinity purified.

Images

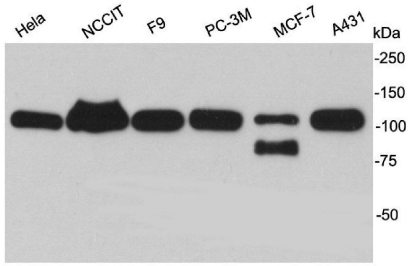

Fig1: Western blot analysis of TRIM28 on different cell lysates using anti-TRIM28 antibody at 1/1,000 dilution.

Predicted band size: 89 kDa
Observed band size: 100 kDa

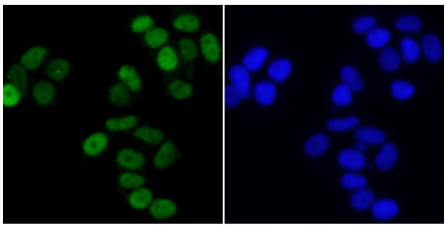

Fig2: ICC staining TRIM28 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

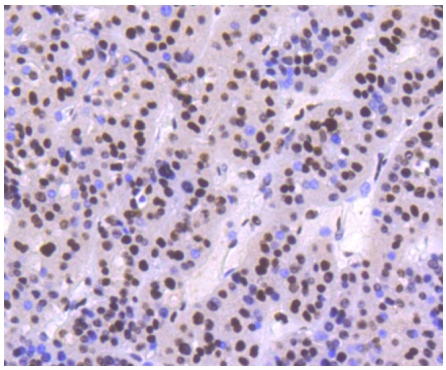

Fig3: Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-TRIM28 antibody. Counter stained with hematoxylin.

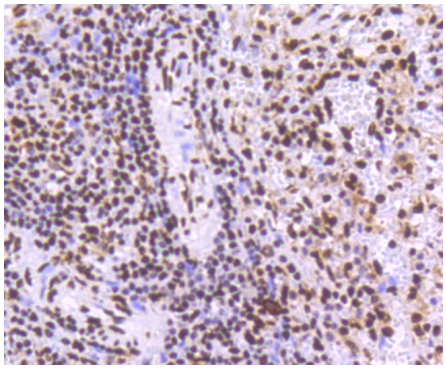

Fig4: Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-TRIM28 antibody. Counter stained with hematoxylin.

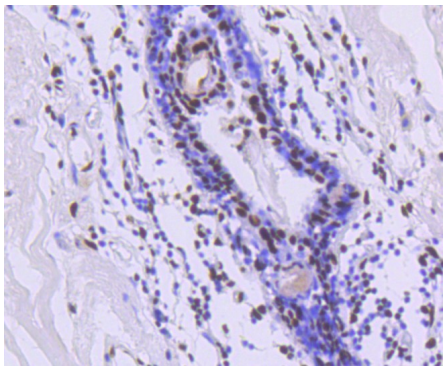

Fig5: Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-TRIM28 antibody. Counter stained with hematoxylin.

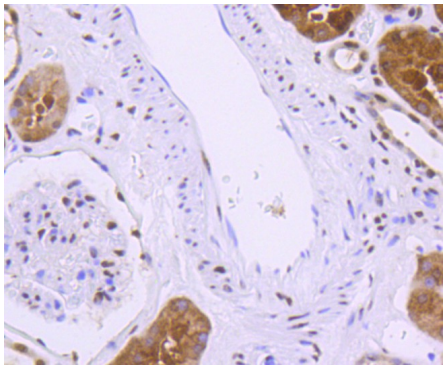

Fig6: Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-TRIM28 antibody. Counter stained with hematoxylin.

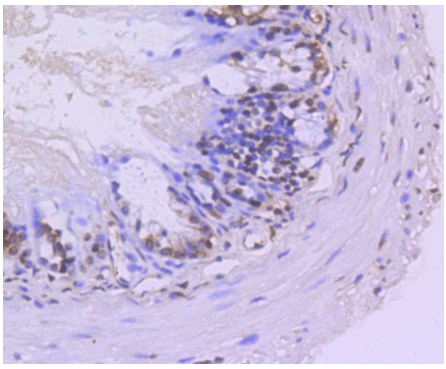

Fig7: Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-TRIM28 antibody. Counter stained with hematoxylin.

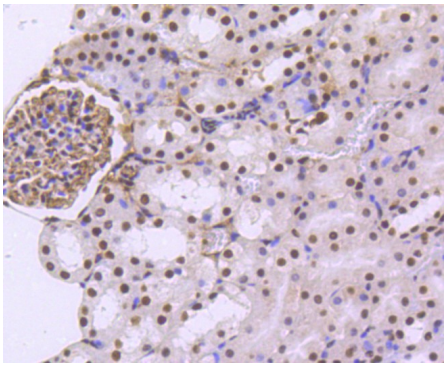

Fig8: Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-TRIM28 antibody. Counter stained with hematoxylin.

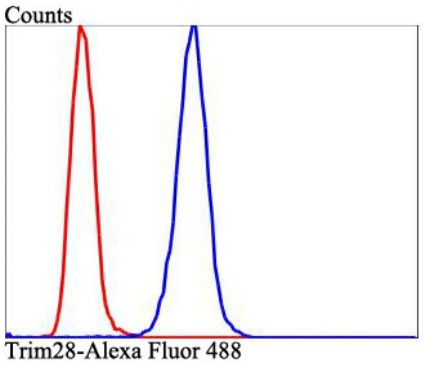

Fig9: Flow cytometric analysis of Hela cells with TRIM28 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".