

Anti-TNPO3 Antibody (8G85)

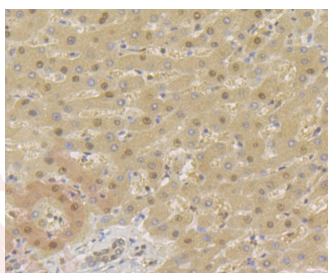
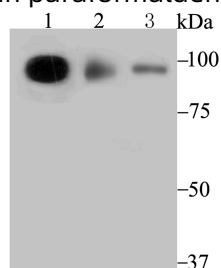
Product Details

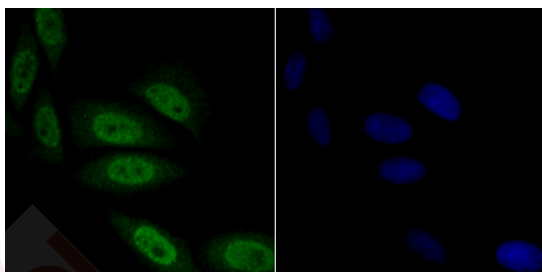
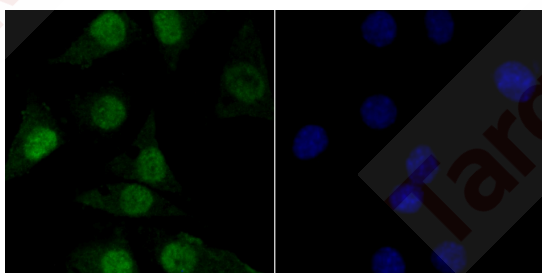
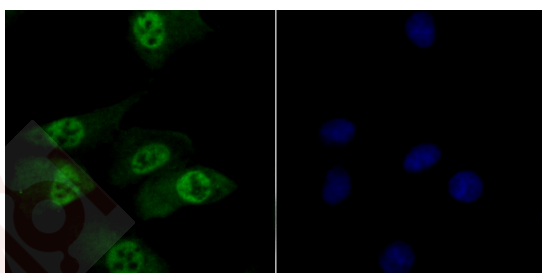
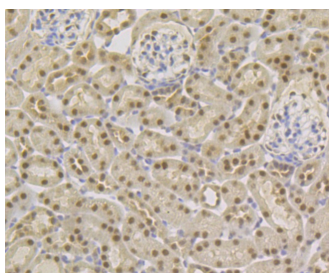
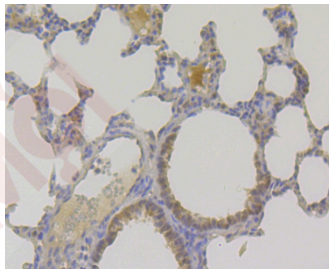
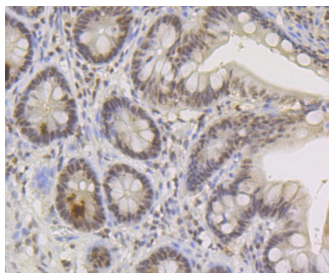
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 104 kDa.
Clone:	8G85
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of TNPO3 on K562 cell (1), HL-60 cell (2) and mouse pancreas tissue (3) lysate using anti-TNPO3 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-TNPO3 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-TNPO3 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-TNPO3 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-TNPO3 antibody. Counter stained with hematoxylin.
6. ICC staining TNPO3 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
7. ICC staining TNPO3 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
8. ICC staining TNPO3 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





Application: ICC,IF,IHC,WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Uniprot ID: Q9Y5L0

Synonyms: TNPO3_HUMAN;TRN-SR;TRNSR;Transportin-3;Transportin-SR;MTR10A;TNPO3;TRN-SR2; Importin 12;Transportin 3;TRN SR;Imp12;IPO12;Importin-12;Transportin SR;TNPO 3

Research Background

The Importin complex consists of Importin- α and Importin- β proteins which assist in transport of arginine- or serine-rich (SR) proteins across the nucleus. Importin-12, also known as Transportin-3 or Transportin-SR, is a member of the Importin- β family and functions as a nuclear transport receptor for serine/arginine-rich proteins. Through recognition of phosphorylated RS domains, Importin-12 mediates the nuclear import of several SR proteins, such as splicing factors SFRS1 and SFRS2. By regulating the nucleocytoplasmic transport of these and other SR mRNA splicing factors, Importin-12 controls their access to mRNA and, therefore, acts a transcriptional regulator.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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