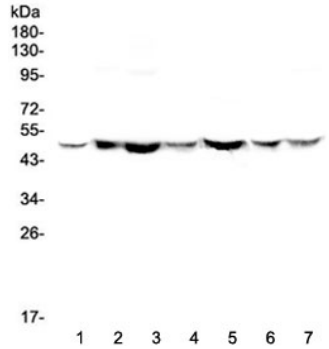
TANK Antibody (RQ4612)

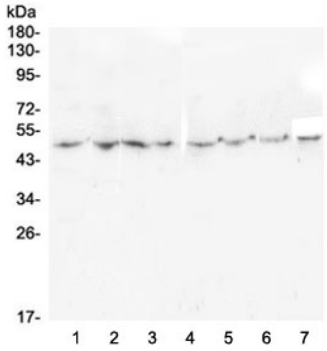
Catalog No.	Formulation	Size
RQ4612	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

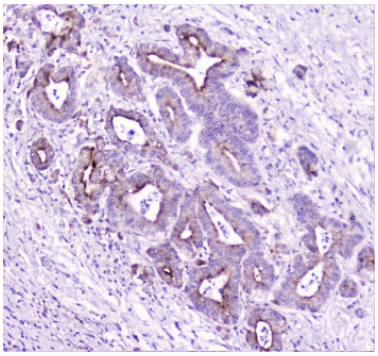
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q92844
Localization	Cytoplasmic
Applications	Western blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml Flow cytometry : 1-3ug/10^6 cells
Limitations	This TANK antibody is available for research use only.



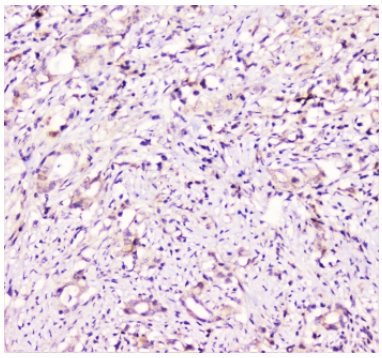
Western blot testing of human 1) HeLa, 2) placenta, 3) A549, 4) MDA-MB-453, 5) SW620, 6) 22RV1 and 7) SW579 with TANK antibody at 0.5ug/ml. Expected molecular weight ~48 kDa.



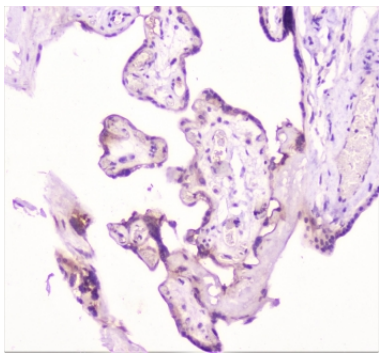
Western blot testing of 1) rat brain, 2) rat lung, 3) rat spleen, 4) rat kidney, 5) mouse brain, 6) mouse lung, 7) mouse spleen and 8) mouse kidney with TANK antibody at 0.5ug/ml. Expected molecular weight ~48 kDa.



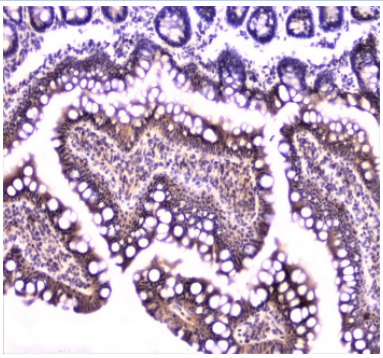
IHC staining of FFPE human cholangiocarcinoma with TANK antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



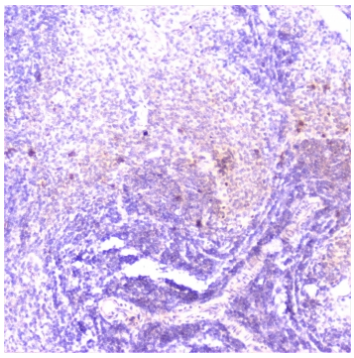
IHC staining of FFPE human rectal cancer with TANK antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



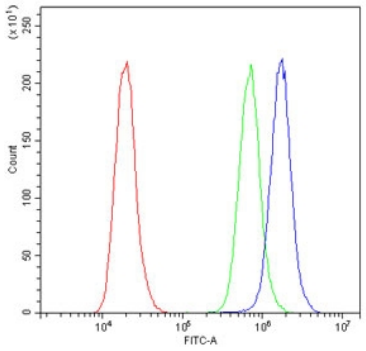
IHC staining of FFPE human placenta with TANK antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



IHC staining of FFPE rat small intestine with TANK antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



IHC staining of FFPE rat spleen with TANK antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Flow cytometry testing of human A431 cells with TANK antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TANK antibody.

Description

TRAF family member-associated NF-kappa-B activator is a protein that in humans is encoded by the TANK gene. It is mapped to 2q24.2. The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. The protein encoded by this gene is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, the protein encoded by this gene can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Application Notes

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

Immunogen

Amino acids MDKNIGEQLNKAYEAFRQACMDRDSAVKELQQK were used as the immunogen for the TANK antibody.

Storage

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

Ordering:Phone:858.663.9055 | Fax:1.267.821.0800 | Email:info@nsjbio.com