

Rabbit TCN2 Polyclonal Antibody | anti-TCN2 antibody

TCN2 Polyclonal Antibody

CATALOG # AAA279689	HOST Rabbit	APPLICATIONS Immunofluorescence, Western Blot
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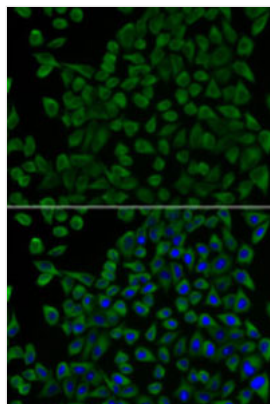
PRODUCT SYNONYMS

TCN2; Polyclonal Antibody; TCN2 Polyclonal Antibody; II; TC; TC2; TC-2; TCII; TC II; D22S676; D22S750; anti-TCN2 antibody

PRODUCT SPECIFICATIONS

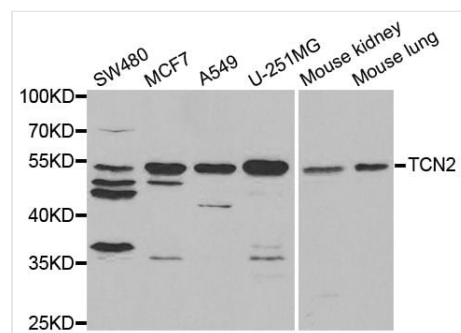
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	427
Applicable Applications for anti-TCN2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-250 of human TCN2 (NP_001171655.1).
Cross Reactivity	Human, Mouse
Preparation and Storage	Store at 20°C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TCN2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TCN2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-TCN2 antibody	This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This plasma protein binds cobalamin and mediates the transport of cobalamin into cells. This protein and other mammalian cobalamin-binding proteins, such as transcobalamin I and gastric intrinsic factor, may have evolved by duplication of a common ancestral gene. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-TCN2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	224471876
NCBI GeneID	6948
UniProt Accession #	P20062; Q96FD4; Q9BVI8; Q9UCI5; Q9UCI6; Q9UDM0; AAB25526
Molecular Weight	Calculated MW: 44kDa/47kDa Observed MW: 54kDa
NCBI Official Full Name	Transcobalamin-2
NCBI Official Synonym Full Names	transcobalamin II
NCBI Official Symbol	TCN2
NCBI Official Synonym Symbols	II; TC; TC2; TC-2; TCII; TC II; D22S676; D22S750
NCBI Protein Information	transcobalamin-2; macrocytic anemia; vitamin B12-binding protein 2; transcobalamin II; macrocytic anemia
UniProt Protein Name	Transcobalamin-2
UniProt Gene Name	TCN2
UniProt Synonym Gene Names	TC2; TC-2; TC II; TCII
UniProt Entry Name	TCO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tcn2-antibody-immunofluorescence-western-blot-elisa/279689>