

Rabbit TCN2 Polyclonal Antibody | anti-TCN2 antibody

TCN2 Antibody

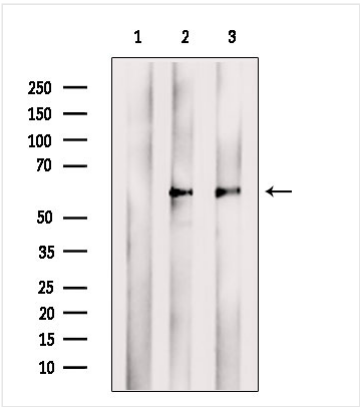
CATALOG # AAA328740	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

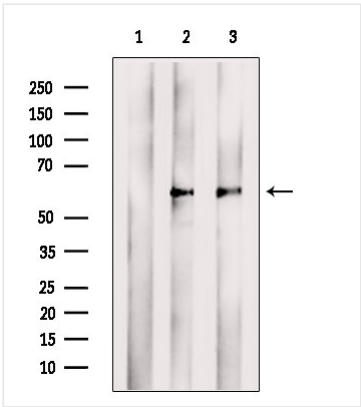
TCN2; Polyclonal Antibody; TCN2 Antibody; D22S676; D22S750; II; Macrocytic anemia; OTTHUMP00000199117; OTTHUMP00000199118; OTTHUMP00000199119; TC; TC II; TC II deficiency; TC-2; TC2; TCII; TCN2 deficiency; TCO2_HUMAN; Transcobalamin 2; Transcobalamin 2 deficiency; Transcobalamin II; macrocytic anemia; Transcobalamin-2; Vitamin B12 binding protein 2; anti-TCN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	TCN2 Antibody detects endogenous levels of TCN2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-TCN2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human TCN2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Extracellular Region or Secreted
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from various samples, using TCN2 Antibody. Lane 1: 293, treated with blocking peptide; Lane 2: 293; Lane 3: Hela cells.



WB (Western Blot)
Western blot analysis of extracts from A375 cells, using TCN2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TCN2 antibody	Description: Primary vitamin B12-binding and transport protein. Delivers cobalamin to cells.
	Subunit Structure: Interacts with CD320 (via LDL-receptor class A domains).
	Similarity: Belongs to the eukaryotic cobalamin transport proteins family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080704
NCBI GeneID	6948
NCBI Accession #	NP_001171655.1
NCBI GenBank Nucleotide #	NP_001171655.1
UniProt Accession #	P20062
Molecular Weight	Observed: 48 kDa Predicted: 48 kDa
NCBI Official Full Name	transcobalamin-2 isoform 2
NCBI Official Synonym Full Names	transcobalamin 2
NCBI Official Symbol	TCN2
NCBI Official Synonym Symbols	II; TC; TC2; TC-2; TCII; TC II; D22S676; D22S750
NCBI Protein Information	transcobalamin-2
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.