

TCN2 Polyclonal Antibody

Catalog number: 12157-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

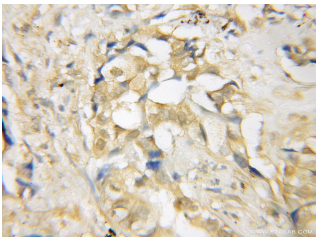
Synonyms:

TCN2; D22S676, D22S750, TC 2,

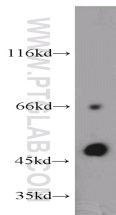
TC II, TC2, TCII, TCN2,

Transcobalamin 2,

Transcobalamin II



Immunohistochemical of paraffin-embedded human lung cancer using 12157-1-AP(TCN2 antibody) at dilution of 1:50 (under 10x lens)



A375 cells were subjected to SDS PAGE followed by western blot with 12157-1-AP(TCN2 antibody) at dilution of 1:100

Background

TCN2 (Transcobalamin-2) is a vitamin B12 (cobalamin; Cbl) binding and transport protein in plasma that facilitates the cellular uptake of the vitamin. TCN2 is secreted in a constitutive fashion in most cells. Plasma TCN2 levels have been reported to be elevated in a number of diverse human diseases. Defects in TCN2 are cause of transcobalamin-2 deficiency. (10714245)

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated TCN2 MW:	400aa, 44 kDa
Observed TCN2 MW:	48kd
Positive WB detected in	A375 cells, mouse small intestine tissue, rat liver tissue, Transfected HEK-293 cells
Positive IHC detected in	Human lung cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2825
GenBank accession number:	BC011239
Gene ID (NCBI):	6948
Full name:	Transcobalamin II; macrocytic anemia

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.