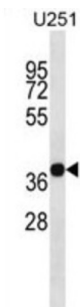


Cluster of Differentiation 320 (CD320) Antibody

Catalogue No.: abx027232



The CD320 antigen gene encodes the transcobalamin receptor (TCBLR). Cellular uptake of cobalamin (vitamin B12) is mediated by receptors expressed on the cell surface. Transcobalamin II (TCN2; MIM 613441), a plasma protein secreted by endothelial cells, binds the cobalamin absorbed in the distal ileum and carries 10 to 30% of total circulating cobalamin. CD320 encodes a transcobalamin receptor that binds TCN2-cobalamin at the plasma membrane and internalizes the complex by endocytosis (Quadros et al., 2009 [PubMed 18779389]).

Target:	Cluster of Differentiation 320 (CD320)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 153-182 amino acids from the C-terminal region of human CD320.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9NPF0 (UniProt , ExPASy)

Datasheet

Version: 1.0.0
Revision date: 21 Nov 2024



Gene Symbol: CD320

String: [9606.ENSP00000301458](#)

Molecular Weight: Calculated MW: 29 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: This product is for research use only.

For Reference Only