



Anti-CD320 (aa 97-196) polyclonal antibody (DPAB-DC2150)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes the transcobalamin receptor that is expressed at the cell surface. It mediates the cellular uptake of transcobalamin bound cobalamin (vitamin B12), and is involved in B-cell proliferation and immunoglobulin secretion. Mutations in this gene are associated with methylmalonic aciduria. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2011]
Immunogen	CD320 (NP_057663, 97 a.a. ~ 196 a.a) partial recombinant protein with GST tag. The sequence is KGQC PPPPGLPCPCTGVSDCSGGDKKLRNCSRLACLAGELRCTLSDDCIPLTWRCDGHP DCPDSSDELGCGTNEILPEGDATTMGPPVTLESVTSLRNA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CD320 CD320 molecule [Homo sapiens (human)]
Official Symbol	CD320
Synonyms	CD320; CD320 molecule; 8D6; 8D6A; TCBLR; CD320 antigen; FDC-SM-8D6; 8D6 antigen; transcobalamin receptor; FDC-signaling molecule 8D6;
Entrez Gene ID	51293
Protein Refseq	NP_001159367
UniProt ID	Q9NPF0
Chromosome Location	19p13.3-p13.2
Pathway	Cobalamin (Cbl, vitamin B12) transport and metabolism; Defective BTD causes biotidinase deficiency; Defective CUBN causes hereditary megaloblastic anemia 1; Defective HLCS causes multiple carboxylase deficiency
Function	cobalamin binding; growth factor activity;