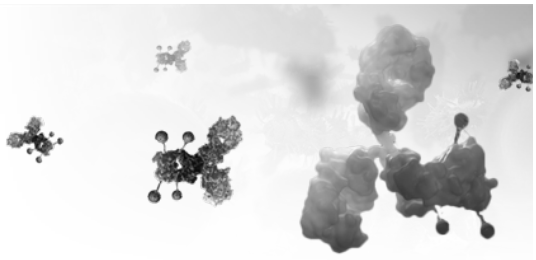

Rabbit Anti-Human NT5E Polyclonal Antibody (CABT-L2129)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to 5'-Nucleotidase, Ecto (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against NT5E. It has been selected for its ability to recognize NT5E in immunohistochemical staining and western blotting.
Target	NT5E
Immunogen	Recombinant fragment corresponding to human NT5E (Ser48~val527)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Bovine
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]
Keywords	CD73;NT5-E;E5NT;E5-NT;NTE;EN;ENT

GENE INFORMATION

Gene Name	NT5E 5-nucleotidase, ecto (CD73) [Homo sapiens (human)]
Official Symbol	NT5E
Synonyms	NT5E; 5-nucleotidase, ecto (CD73); NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA; 5-nucleotidase; 5-NT; ecto-5-nucleotidase; Purine 5-Prime-Nucleotidase;
Entrez Gene ID	4907
Protein Refseq	NP_001191742
UniProt ID	P21589
Chromosome Location	6q14-q21
Pathway	HIF-1-alpha transcription factor network; Metabolic pathways; Metabolism; Metabolism of nucleotides; Nicotinate and nicotinamide metabolism; Purine catabolism; Purine metabolism; Pyrimidine catabolism;
Function	5-nucleotidase activity; metal ion binding; nucleotide binding;

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