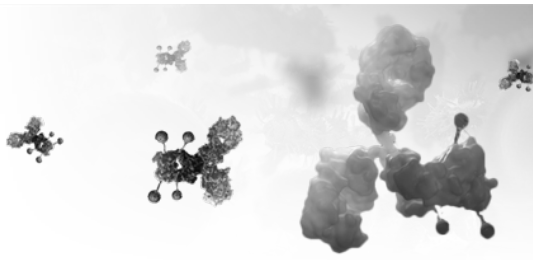

Anti-ACP5 (aa 221-325) polyclonal antibody (DPAB-DC2297)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate.
Immunogen	ACP5 (NP_001602, 221 a.a. ~ 325 a.a) partial recombinant protein with GST tag. The sequence is VKQLRPLLATYGVTAYLCGHDHNLQYLQDENGVGYVLSGAGNFMDPSKRHQRKVPNGYLR FHYGTEDSLGGFAYVEISSKEMTVTYIEASGKSLFKTRLPRRARP
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	ACP5 acid phosphatase 5, tartrate resistant [Homo sapiens (human)]

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Official Symbol	ACP5
Synonyms	ACP5; acid phosphatase 5, tartrate resistant; TRAP; SPENCDI; tartrate-resistant acid phosphatase type 5; TrATPase; tartrate-resistant acid ATPase;
Entrez Gene ID	54
Protein Refseq	NP_001104504
UniProt ID	A0A024R7F8
Chromosome Location	19p13.2
Pathway	Defective AMN causes hereditary megaloblastic anemia 1; Defective CD320 causes methylmalonic aciduria; Defective GIF causes intrinsic factor deficiency; Defective LMBRD1 causes methylmalonic aciduria and homocystinuria type cblF
Function	acid phosphatase activity; ferric iron binding; ferrous iron binding;

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