



Human ACP2 blocking peptide (CDBP0301)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ACP2 antibody
Antigen Description	This gene encodes the beta subunit of lysosomal acid phosphatase (LAP). LAP is chemically and genetically distinct from red cell acid phosphatase. The encoded protein belongs to a family of distinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Mutations in this gene or in the related alpha subunit gene cause acid phosphatase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ACP2 acid phosphatase 2, lysosomal [Homo sapiens]
Official Symbol	ACP2
Synonyms	ACP2; acid phosphatase 2, lysosomal; lysosomal acid phosphatase; LAP;
Entrez Gene ID	53

mRNA Refseq	NM_001131064
Protein Refseq	NP_001124536
UniProt ID	P11117
Chromosome Location	11p11.2
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem;
Function	acid phosphatase activity; hydrolase activity; phosphoprotein phosphatase activity; phosphotyrosine binding;