



Anti-LCT (aa 32-129) polyclonal antibody (DPAB-DC1834)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the family 1 of glycosyl hydrolases. The protein is integral to plasma membrane and has both phlorizin hydrolase activity and lactase activity.
Immunogen	LCT (NP_002290, 32 a.a. ~ 129 a.a) partial recombinant protein with GST tag. The sequence is AGPLTNDLLHNLGSLGDSNFVAGDKDMYVCHQPLPTFLPEYFSSLHASQITHYKVFL SWAQLLPAGSTQNPDEKTVQCYRRLLKALKTARLQPMV
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	LCT lactase [Homo sapiens (human)]
Official Symbol	LCT

Synonyms	LCT; lactase; LAC; LPH; LPH1; lactase-phlorizin hydrolase; lactase-glycosylceramidase; lactase-phlorizin hydrolase-1;
Entrez Gene ID	3938
Protein Refseq	NP_002290
UniProt ID	P09848
Chromosome Location	2q21
Pathway	Carbohydrate digestion and absorption; Digestion of dietary carbohydrate; Galactose metabolism; Glycogen storage diseases
Function	glycosylceramidase activity; lactase activity;