



Anti-LIPE (aa 699-908) polyclonal antibody (DPAB-DC1180)

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

PRODUCT INFORMATION

Antigen Description	enzyme involved in hydrolysis of stored triglycerides and fatty acids; important for regulation of energy homeostasis [RGD, Feb 2006]
Specificity	This antibody is specific to hormone-sensitive lipase protein.
Immunogen	Recombinant protein corresponding to amino acids 699-908 of rat Lipe.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate),
Format	Liquid
Size	50 µl
Buffer	In PBS (1 mg/mL BSA, 0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [Lipe lipase, hormone sensitive \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol	LIPE
Synonyms	LIPE; lipase, hormone sensitive; HSL; hormone-sensitive lipase; lipase E; hormone - sensitive lipase testicular isoform;
Entrez Gene ID	25330
Protein Refseq	NP_036991
UniProt ID	P15304
Chromosome Location	1q21
Pathway	AMPK signaling pathway; Adipogenesis; Fatty Acid Beta Oxidation; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis
Function	acylglycerol lipase activity; hormone-sensitive lipase activity; hydrolase activity, acting on ester bonds; protein binding