



Anti-ANGPTL3 polyclonal antibody [Biotin] (DPABY-579)

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

PRODUCT INFORMATION

Antigen Description	Angiopoietin-like, also known as angiopoietin-related proteins, are structurally related to the angiopoietins. They are secreted proteins with N-terminal coiled-coil domains and C-terminal fibrinogen-like domains. Unlike the angiopoietins, ANGPTLs do not bind Tie-2. Seven ANGPTL proteins have been identified (ANGPTL1 through 7).
Specificity	Detects mouse Angiopoietin-like3 in ELISAs and Western blots. In sandwich ELISAs, less than 0.1% cross-reactivity with recombinant human (rh)Angiopoietin-like 3 (4954-AN and 3829-AN), recombinant mouse (rm)Angiopoietin-3, and rmAngiopoietin-like 4 is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse Angiopoietin-like 3. Ser17-Thr455 Accession Number Q9R182
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Angptl3 angiopoietin-like 3 [Mus musculus (house mouse)]
Official Symbol	ANGPTL3
Synonyms	ANGPTL3; angiopoietin-like 3; hypl; angiopoietin-related protein 3; hypolipidemia; angiopoietin-like protein 3;
Entrez Gene ID	30924
Protein Refseq	NP_038941
UniProt ID	Q3UEF5
Chromosome Location	4 C6; 4 45.6 cM
Pathway	PodNet: protein-protein interactions in the podocyte; XPodNet - protein-protein interactions in the podocyte expanded by STRING;
Function	enzyme inhibitor activity; growth factor activity; integrin binding; phospholipase inhibitor activity;