



Anti-LAYN polyclonal antibody [Biotin] (DPABY-607)

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

PRODUCT INFORMATION

Antigen Description	Layilin (named after the L-A-Y-I-L-I six amino acid motif in the molecules transmembrane segment) is a member of the animal C-type lectin family. Layilin binds specifically to hyaluronan and is found in the extracellular matrix of most animal tissues and in body fluids. It may modulate cell behavior and functions during tissue remodeling, development, homeostasis, and diseases.
Specificity	Detects human Layilin in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with recombinant mouse Layilin is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Layilin. Ala22-Glu220 Accession Number NP_849156
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

Preservative	None
Storage	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	LAYN layilin [Homo sapiens (human)]
Official Symbol	LAYN
Synonyms	LAYN; layilin;
Entrez Gene ID	143903
Protein Refseq	NP_001245319
UniProt ID	Q6UX15
Chromosome Location	11q23.1
Function	carbohydrate binding; hyaluronic acid binding;