



Anti-LGALS7 polyclonal antibody [Biotin] (DPABY-666)

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

PRODUCT INFORMATION

Antigen Description	The galectins constitute a large family of carbohydrate-binding proteins that function in many systems both intracellularly and following secretion. Galectins contain either one or two carbohydrate recognition domains (CRR) which mediate recognition of N-acetyl-lactosamine-containing glycoproteins. Some galectins exist in multiple isoforms due to alternative splicing. Individual galectins differ in their tissue distribution and in their carbohydrate-binding specificities.
Specificity	Detects human Galectin-7 in ELISAs and Western blots. In sandwich immunoassays, approximately 50% cross-reactivity with recombinant mouse (rm) Galectin-7 is observed and less than 0.5% cross-reactivity with recombinant human (rh)Galectin-1, rhGalectin-4, rhGalectin-8 and rmGalectin-3 is observed.
Immunogen	E. coli-derived recombinant human Galectin-7. Ser2-Phe136 Accession Number P47929
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	LGALS7 lectin, galactoside-binding, soluble, 7 [Homo sapiens (human)]
Official Symbol	LGALS7
Synonyms	LGALS7; lectin, galactoside-binding, soluble, 7; GAL7; LGALS7A; galectin-7; galectin 7;
Entrez Gene ID	3963
Protein Refseq	NP_002298
UniProt ID	P47929
Chromosome Location	19q13.2