



# Anti-IL18BP polyclonal antibody [Biotin] (DPABY-590)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Interleukin 18 binding proteins are secreted glycoproteins which antagonize IL-18 activity by binding IL-18 and blocking its biological activity. Alternative splicing of the IL-18 BP gene produces at least four isoforms that differ in affinity for IL-18. The IL-18 BP isoforms a and c each contain one immunoglobulin (Ig)-like C2-type domain while isoforms b and d lack a complete Ig-like domain.
<b>Specificity</b>	Detects human IL-18 BPα in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant human (rh) IL-18, recombinant mouse (rm) IL-18BPc and rmIL-18 BPd is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human IL-18 BPα. Thr31-Gly194 Accession Number O95998
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

<b>Preservative</b>	None
<b>Storage</b>	<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

<b>Gene Name</b>	<a href="#">IL18BP interleukin 18 binding protein [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IL18BP
<b>Synonyms</b>	IL18BP; interleukin 18 binding protein; IL18BPα; interleukin-18-binding protein; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product;
<b>Entrez Gene ID</b>	<a href="#">10068</a>
<b>Protein Refseq</b>	<a href="#">NP_001034748</a>
<b>UniProt ID</b>	<a href="#">A0A024R5G2</a>
<b>Chromosome Location</b>	11q13
<b>Function</b>	interleukin-18 binding; receptor antagonist activity;