



# Anti-IL20 polyclonal antibody [Biotin] (DPABY-698)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Mature human and mouse IL-20 is a 152 amino acid protein that is not likely glycosylated. Although IL-20 is a distant member of the IL-10 family, it functions as a monomer. IL-20 binds two heterodimeric receptor complexes, IL-20 R alpha/IL-20 R beta and IL-22 R/IL-20 R beta. IL-20 is reported to induce the proliferation of multipotential hematopoietic progenitor cells, direct the differentiation and expansion of keratinocytes, and promote the release of proinflammatory mediators in keratinocytes and other IL-20 receptor-expressing cells.
<b>Specificity</b>	Detects mouse IL-20 in ELISAs and Western blots. In sandwich immunoassays, less than 0.5% cross-reactivity with recombinant human IL-20 is observed.
<b>Immunogen</b>	E. coli-derived recombinant mouse IL-20 . Leu25-Leu176 Accession Number Q9JKV9
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<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>	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

<b>Gene Name</b>	<a href="#">IL20 interleukin 20 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	IL20
<b>Synonyms</b>	IL20; interleukin 20; Zcyto10; interleukin-20; IL-20; cytokine Zcyto10; four helix bundle cytokine 10; four alpha helix cytokine ZCYTO10;
<b>Entrez Gene ID</b>	<a href="#">58181</a>
<b>Protein Refseq</b>	<a href="#">NP_067355</a>
<b>UniProt ID</b>	<a href="#">Q2NKI0</a>
<b>Chromosome Location</b>	1 E4; 1
<b>Pathway</b>	Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway;
<b>Function</b>	cytokine activity; interleukin-20 receptor binding; interleukin-22 receptor binding; receptor binding;