



Anti-IL20 polyclonal antibody [Biotin] (DPABY-402)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	Detects human IL-20 in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant mouse IL-20 is observed.
Immunogen	E. coli-derived recombinant human IL-20 . Leu25-Glu176 Accession Number AAF36679
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 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	IL20 interleukin 20 [Homo sapiens (human)]
Official Symbol	IL20
Synonyms	IL20; interleukin 20; IL-20; IL10D; ZCYTO10; interleukin-20; cytokine Zcyto10; four alpha helix cytokine;
Entrez Gene ID	50604
Protein Refseq	NP_061194
UniProt ID	Q9NYY1
Chromosome Location	1q32
Pathway	Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway;
Function	cytokine activity; interleukin-20 receptor binding; interleukin-22 receptor binding;
