



# Goat anti-Human beta IG-H3 Polyclonal antibody, Biotin-Conjugated (DPABY-347)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	beta IG-H3, also known as Kerato-epithelin and RGD-CAP (RGD-containing collagen associated protein), is a 66 kDa secreted adhesion molecule that binds to collagens and integrins via covalent and noncovalent interactions.
<b>Specificity</b>	Detects human beta IG-H3 in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant mouse beta IG-H3 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human beta IG-H3. Gly24-His683 Accession Number Q15582
<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 phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.
<b>Preservative</b>	None

<b>Storage</b>	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 to 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.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TGFB1 transforming growth factor, beta-induced, 68kDa [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TGFB1
<b>Synonyms</b>	TGFB1; transforming growth factor, beta-induced, 68kDa; CSD; CDB1; CDG2; CSD1; CSD2; CSD3; EBMD; LCD1; BIGH3; CDGG1; transforming growth factor-beta-induced protein ig-h3; RGD-CAP; beta ig-h3; kerato-epithelin; RGD-containing collagen-associated protein;
<b>Entrez Gene ID</b>	<a href="#">7045</a>
<b>Protein Refseq</b>	<a href="#">NP_000349</a>
<b>UniProt ID</b>	<a href="#">Q15582</a>
<b>Chromosome Location</b>	5q31
<b>Pathway</b>	Amyloids; Disease;
<b>Function</b>	collagen binding; extracellular matrix binding; integrin binding; protein binding;