



# Anti-TGFBI polyclonal antibody (DPABY-338)

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 mouse beta IG-H3 in ELISAs and Western blots. In sandwich immunoassays, less than 6% cross-reactivity with recombinant human (rh) beta IG-H3 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse beta IG-H3. Gly24-His683 Accession Number P82198
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, Immunohistochemistry, ELISA Capture (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<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

Gene Name	<a href="#">Tgfb1 transforming growth factor, beta induced [ Mus musculus (house mouse) ]</a>
Official Symbol	TGFB1
Synonyms	TGFB1; transforming growth factor, beta induced; 68kDa; big-h3; Beta-ig; A1181842; A1747162; transforming growth factor-beta-induced protein ig-h3; beta ig-h3; transforming growth factor, beta induced, 68 kDa;
Entrez Gene ID	<a href="#">21810</a>
Protein Refseq	<a href="#">NP_033395</a>
UniProt ID	<a href="#">A1L353</a>
Chromosome Location	13 B-C1; 13 30.09 cM
Pathway	Amyloids; Disease;
Function	collagen binding; extracellular matrix binding;