

Product Datasheet

TGF beta 1/TGFB1 Rabbit Polyclonal Antibody (orb1098055)

Catalog Number	orb1098055
Category	Antibodies
Description	Anti-TGF beta 1/TGFB1 Antibody. Tested in IHC applications. This antibody reacts with Rat.
Target	Transforming growth factor beta-1 proprotein [Cleaved into: Latency-associated peptide
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Rat
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Buffer/Preservatives	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Purification	Immunogen affinity purified.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TGF beta 1/TGFB1, identical to the related mouse and rat sequences.

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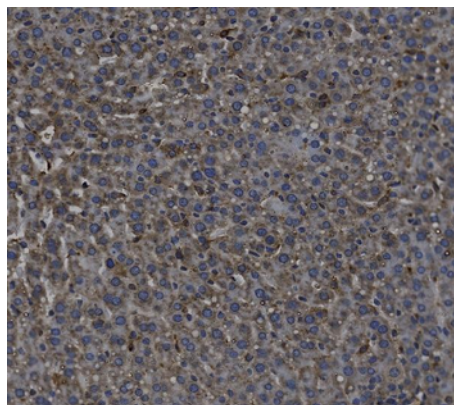
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UniProt ID	P01137
MW	120 kDa
Tested applications	IHC
Dilution range	Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/ml, Rat
Cross Reactivity	No cross-reactivity with other proteins.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC analysis of TGF Beta 1/TGFB1 using anti-TGF Beta 1/TGFB1 antibody. TGF Beta 1/TGFB1 was detected in a paraffin-embedded section of rat liver tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 µg/ml rabbit anti-TGF Beta 1/TGFB1 Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

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