antibodies

Datasheet for ABIN7429466 anti-TGFB1 antibody (AA 279-390)

4 Images



Overview

Quantity:	100 µL
Target:	TGFB1
Binding Specificity:	AA 279-390
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1)
Immunogen:	Recombinant Transforming Growth Factor Beta 1 (TGFb1) corresdonding to Ala279~Ser390 with N-terminal His Tag
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TGFb1. It has been selected for its ability to recognize TGFb1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:

TGFB1

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Target Details	
Alternative Name:	Transforming Growth Factor Beta 1 (TGFB1 Products)
Background:	TGF-B1, CED, DPD1, LAP, Camurati-Engelmann Disease, Latency-associated peptide
Pathways:	EGFR Signaling Pathway, Dopaminergic Neurogenesis, Cellular Response to Molecule of Bacterial Origin, Glycosaminoglycan Metabolic Process, Regulation of Leukocyte Mediated Immunity, Regulation of Muscle Cell Differentiation, Positive Regulation of Immune Effector Process, Cell-Cell Junction Organization, Production of Molecular Mediator of Immune Response, Ribonucleoside Biosynthetic Process, Skeletal Muscle Fiber Development, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus, Autophagy, Cancer Immune Checkpoints
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5- 20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious

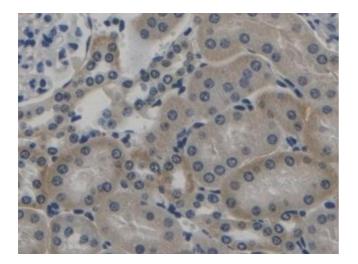
degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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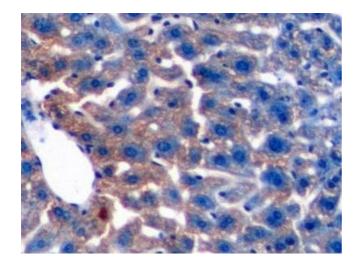
kDa 44 33 26 22 18 ← 16kDa 14 10

Immunohistochemistry

Image 1. Detection of TGFb1 in Mouse Kidney Tissue using Polyclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1)

Western Blotting

Image 2. Detection of Recombinant TGFb1, Mouse using Polyclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1)



Immunohistochemistry

Image 3. Detection of TGFb1 in Mouse Liver Tissue using Polyclonal Antibody to Transforming Growth Factor Beta 1 (TGFb1)

Please check the product details page for more images. Overall 4 images are available for ABIN7429466.

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