

Datasheet for ABIN1740010
anti-TGFB1 antibody (AA 286-293)



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1 Image

Overview

Quantity:	50 µg
Target:	TGFB1
Binding Specificity:	AA 286-293
Reactivity:	Human, Rabbit, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide from human TGFB1 / TGF Beta (aa286-293).
Isotype:	IgG
Specificity:	Reacts with aa 286-293 (of 390) of full-length (including signal peptide) precursor TGFb protein
Cross-Reactivity (Details):	This sequence also corresponds with aa 8-15 (of 112) of the mature growth factor.
Purification:	Antigen affinity purified

Target Details

Target:	TGFB1
Alternative Name:	TGFB1 / TGF beta (TGFB1 Products)

Target Details

Background:	Protein that controls several functions like proliferation or differentiation of many cell types. It is secreted in the extracellular space.
Gene ID:	7040
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

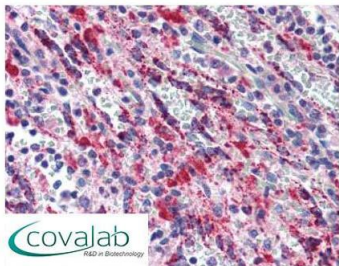
Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : ELISA (1/2000 - 1/10000), IHC - P (5 µg/mL), WB (1/200 - 1/1000)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	K phosphate 20 mM, NaCl 150 mM, pH 7.2, Sodium azide 0.01 %
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:	+4°C or -20°C, Avoid repeated freezing and thawing.

**IHC : TGFB1 / TGF Beta
(aa286-293) antibody**
(pab70160)



Anti-TGFB1 antibody IHC staining of human spleen.
Immunohistochemistry of formalin-fixed, paraffin-embedded
tissue after heat-induced antigen retrieval.
Antibody concentration 5 ug/ml.

Image 1.