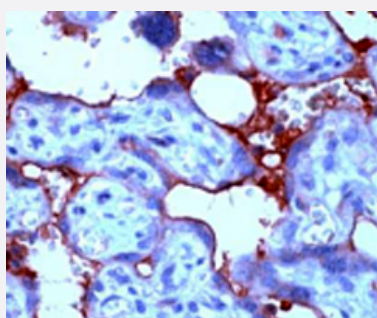


TGFB2 polyclonal antibody

Catalog # PAB12739 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta stained with TGFB2 polyclonal antibody (Cat # PAB12739) at 1 : 50 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TGFB2.
Immunogen	A synthetic peptide corresponding to C-terminus of human TGFB2.
Host	Rabbit
Theoretical MW (kDa)	~50
Reactivity	Human, Mouse, Rat
Specificity	This antibody recognizes ~50 kDa of TGFB2, not TGFB1 and less extense of TGFB3.
Form	Liquid
Recommend Usage	ELISA (0.01-0.1 ug/mL) Immunohistochemistry (2-5 ug/mL) Immunoprecipitation (2-5 ug/mL) Western Blot (0.1-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (antibody stabilizer).

Storage Instruction

Store at 4°C for one month. For long term storage store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing. Upon initial thawing, apportion into working aliquots and store at -80°C for up to six months.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta stained with TGFB2 polyclonal antibody (Cat # PAB12739) at 1 : 50 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — TGFB2

Entrez GeneID	7042
Gene Name	TGFB2
Gene Alias	MGC116892, TGF-beta2
Gene Description	transforming growth factor, beta 2
Omim ID	190220
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000037528

Publication Reference

- [Divergent expression of liver transforming growth factor superfamily cytokines after successful portoenterostomy in biliary atresia.](#)

Kerola A, Lohi J, Heikkilä P, Mutanen A, Jalanko H, Pakarinen MP.

Surgery 2019 May; 165(5):905.

Application: IHC-P, Human, Human livers

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)
- [TGF-beta signaling pathway](#)

Disease

- [Acute Disease](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cellulitis](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Keloid](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Myopia](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Pulmonary Fibrosis](#)

- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)