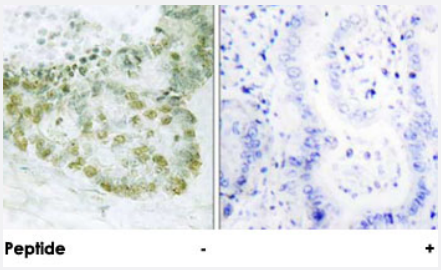
TGFB1I1 polyclonal antibody

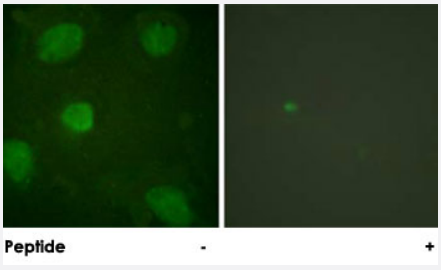
Catalog # PAB18388 Size 100 ug

Applications



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

Immunohistochemical analysis of paraffin-embedded human heart tissue using TGFB1I1 polyclonal antibody (Cat # PAB18388).
Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, treated with TNF-a (20 nM, 15 mins), using TGFB1I1 polyclonal antibody (Cat # PAB18388).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TGFB1I1.
Immunogen	A synthetic peptide corresponding to human TGFB1I1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to TGFB1I1.
Form	Liquid
Purification	Affinity purification

Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical analysis of paraffin-embedded human heart tissue using TGFB1I1 polyclonal antibody (Cat # PAB18388).
  Peptide "+" means "peptide blocking".

- Immunofluorescence

  Immunofluorescence analysis of HeLa cells, treated with TNF-a (20 nM, 15 mins), using TGFB1I1 polyclonal antibody (Cat # PAB18388).
  Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TGFB1I1

Entrez GeneID	7041
Protein Accession#	O43294
Gene Name	TGFB1I1
Gene Alias	ARA55, HIC-5, HIC5, TSC-5
Gene Description	transforming growth factor beta 1 induced transcript 1
Omim ID	602353
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a coactivator of the androgen receptor, a transcription factor which is activate d by androgen and has a key role in male sexual differentiation. The encoded protein is thought to regulate androgen receptor activity and may have a role to play in the treatment of prostate cancer . Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	androgen receptor coactivator ARA55

Publication Reference

- Hic-5 promotes endothelial cell migration to lysophosphatidic acid.

  Avraamides C, Bromberg ME, Gaughan JP, Thomas SM, Tsygankov AY, Panetti TS.

  American Journal of Physiology. Heart and Circulatory Physiology 2007 Jul; 293(1):H193.

- HIC-5 is a novel repressor of lymphoid enhancer factor/T-cell factor-driven transcription.

  Ghogomu SM, van Venrooy S, Ritthaler M, Wedlich D, Gradl D.

  The Journal of Biological Chemistry 2006 Jan; 281(3):1755.

  Application: IF, Human, HeLa cells

- Expression of the LIM proteins paxillin and Hic-5 in human tissues.

  Yuminamochi T, Yatomi Y, Osada M, Ohmori T, Ishii Y, Nakazawa K, Hosogaya S, Ozaki Y.

  The Journal of Histochemistry and Cytochemistry 2003 Apr; 51(4):513.

  Application: IHC-P, WB, Human, Brain, Colon, Hearts, Iliopsoas, Mammary gland, Peripheral nerve, Skin, Sweat gland, Uterus