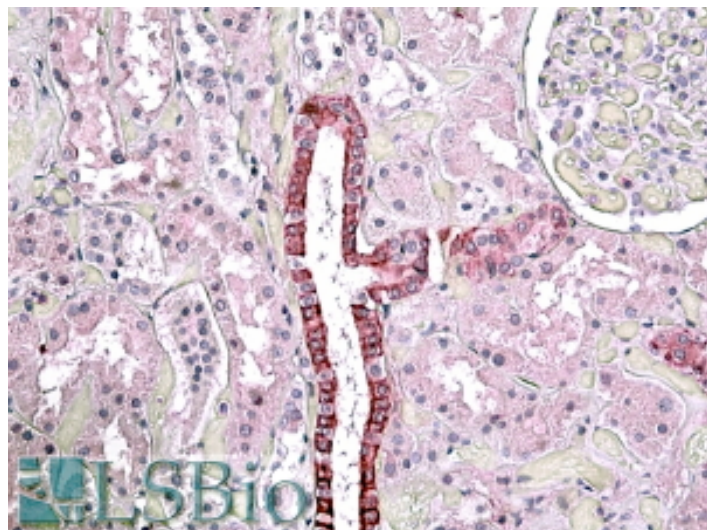


GOAT ANTI-TGFBI ANTIBODY

SKU: EB09795



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	TGFBI transforming growth factor, beta-induced, 68kDa RGD-containing collagen-associated protein LCD1 kerato-epithelin EBMD CSD3 CSD2 CSD1 CSD CDGG1 CDG2 CDB1 BIGH3
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the golgi and plasma membrane of HeLa cells. Recommended concentration: 10µg/ml.
Accession ID	NP_000349.1
Blocking Peptide	EBP09795
Immunogen	Peptide with sequence C-QLYTDRTKLRPE, from the internal region of the protein sequence according to NP_000349.1.
Peptide Sequence	C-QLYTDRTKLRPE
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated

Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human, Rat
Human Gene ID	7045
Mouse Gene ID	21810
Rat Gene ID	24511
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Kidney shows staining of intercalated cells of a collecting tubule. Recommended concentration: 4-6µg/ml. This antibody has been successfully used in IHC on Rat, PMID: 26407577.
ELISA	
Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 70kDa band observed in Human and Rat Kidney lysates, and approx 75kDa in Human Prostate and Human Colorectal cancer lysates (calculated MW of 74.7kDa according to Human NP_000349.1 and 74.8kDa according to Rat NP_446254.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC, IF

SELECTED REFERENCES

[{"pmid": 26407577, "intro": "**This antibody has been successfully used in IHC on Rat:**", "title": "Vaccination against type 1 angiotensin receptor prevents streptozotocin-induced diabetic nephropathy.", "author": "Dan Ding, Yimei Du, Zhihua Qiu, Sen Yan, Fen Chen, Min Wang, Shijun Yang, Yanzhao Zhou, Xiajun Hu, Yihuan Deng, Shijia Wang, Liangping Wang, Hongrong Zhang, Hailang Wu, Xian Yu, Zihua Zhou, Yuhua Liao & Xiao Chen.", "journal": "J Mol Med (Berl). 2016 Feb;94(2):207-18"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

