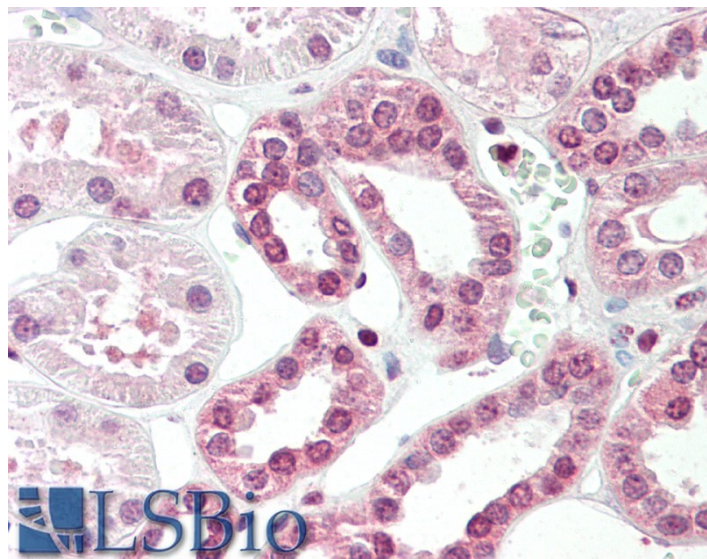


# GOAT ANTI-TGM7 ANTIBODY

**SKU:** EB10507



## 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** TGMZ|transglutaminase 7|transglutaminase Z|TGM7

**Names**

**Accession ID** NP\_443187.1

**Blocking Peptide** EBP10507

**Immunogen** Peptide with sequence C-KIEISQGQGHST, from the internal region of the protein sequence according to NP\_443187.1.

**Peptide Sequence** C-KIEISQGQGHST

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

<b>Predicted Species</b>	Human, Mouse, Dog, Pig
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	116179
<b>Mouse Gene ID</b>	640543
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	Approx 75kDa band observed in Human Lung and Testis and in Mouse Kidney, Lung and Testis lysates (calculated MW of 79.9kDa according to Human NP_443187.1 and 79.8kDa according to Mouse NP_001153896.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 17kDa. This band was successfully blocked by incubation with the immunizing peptide.
<b>Application Type</b>	Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

