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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05119 - Goat Anti-Tensin 1 / TNS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TNS1, tensin 1, TNS, tensin, MGC88584, PRO0929, FLJ10923, DKFZP434G162, MSTP091, DKFZp586K0617, MST091, MST122, MST127, MSTP122, MSTP127, MXRA6, Matrix-remodelling-associated protein 6, matrix-remodelling associated 6, tensin

Official Symbol: TNS1

Accession Number(s): NP_072174.3

Human GeneID(s): [7145](#)

Non-Human GeneID(s): 21961 (mouse), 301509 (rat)

Immunogen

Peptide with sequence C-VSKVMLNAGQKR, from the C Terminus of the protein sequence according to NP_072174.3.

Please note the [peptide](#) is available for sale.

Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Preliminary experiments in Human Heart, Kidney and Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

IHC: In paraffin embedded Human Kidney shows weak staining of the basement membranes of convoluted tubules. Recommended concentration, 4-6µg/ml.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB05119 (4µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.