

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park

Upper Heyford
Oxfordshire
OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

 $\underline{usasales@everest biotech.com}$

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB08380 - Goat Anti-TUSC3 / N33 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TUSC3, tumor suppressor candidate 3, D8S1992, MGC13453, N33,

OST3A, Putative prostate cancer tumor suppressor

Official Symbol: TUSC3

Accession Number(s): NP_006756.2; NP_839952.1

Human GeneID(s): 7991

Non-Human GeneID(s): 80286 (mouse), 290783 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_006756.2; NP_839952.1).

Immunogen

Peptide with sequence PQRQCSVCRQAN, from the internal region of the protein sequence according to NP_006756.2; NP_839952.1.

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 1:1000.

Western blot: Approx 37kDa band observed in Human Liver and Lung lysates (calculated MW of 39.7kDa according to NP_006756.2 and of 39.6 according to NP_839952.1). An additional band of unknown identity was also consistently observed at 22kDa, which was successfully blocked by incubation with the immunising peptide. Recommended concentration: 1-3μg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Prostate. Recommended concentration: 4-8µg/ml.

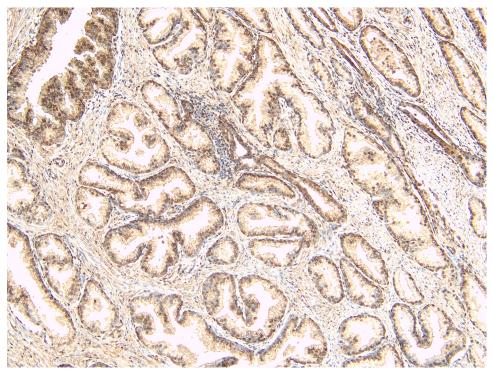
Species Reactivity

Tested: Human

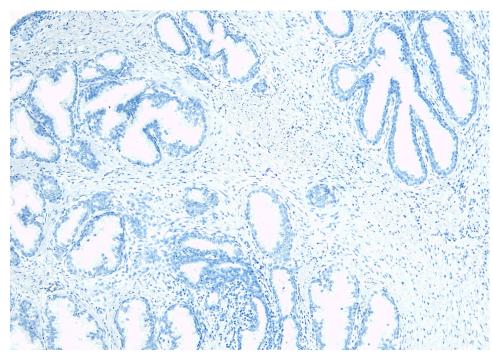
Expected from sequence similarity: Human, Mouse, Rat, Cow



EB08380 (1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB08380 (8µg/ml) staining of paraffin embedded Human Prostate. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



 ${\tt EB08380\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Prostate,\ with\ no\ primary\ antibody.}$